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STATE DETAIL ANALYSIS

THE NATIONAL BIENNIAL RCRA HAZARDOUS WASTE REPORT (BASED ON 1999 DATA)



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CONTENTS

EXECUTIVE SUMMARY	ES -1
ALABAMA	1
ALASKA	9
ARIZONA	17
ARKANSAS	25
CALIFORNIA	33
COLORADO	41
CONNECTICUT	49
DELAWARE	57
DISTRICT OF COLUMBIA	65
FLORIDA	73
GEORGIA	81
GUAM	89
HAWAII	97
IDAHO	105
ILLINOIS	113
INDIANA	121
IOWA	129
KANSAS	137
KENTUCKY	145
LOUISIANA	153
MAINE	161
MARYLAND	169
MASSACHUSETTS	177
MICHIGAN	185
MINNESOTA	193
MISSISSIPPI	201
MISSOURI	209
MONTANA	217
NAVAJO NATION	225
NEBRASKA	233

NEVADA.....	.241
NEW HAMPSHIRE.....	.249
NEW JERSEY.....	.257
NEW MEXICO.....	.265
NEW YORK.....	.273
NORTH CAROLINA.....	.281
NORTH DAKOTA.....	.289
OHIO.....	.297
OKLAHOMA.....	.305
OREGON.....	.313
PENNSYLVANIA.....	.321
PUERTO RICO.....	.329
RHODE ISLAND.....	.337
SOUTH CAROLINA.....	.345
SOUTH DAKOTA.....	.353
TENNESSEE.....	.361
TEXAS.....	.369
TRUST TERRITORIES.....	.377
UTAH.....	.385
VERMONT.....	.393
VIRGIN ISLANDS.....	.401
VIRGINIA.....	.409
WASHINGTON.....	.417
WEST VIRGINIA.....	.425
WISCONSIN.....	.433
WYOMING.....	.441



EXECUTIVE SUMMARY

THE NATIONAL BIENNIAL RCRA HAZARDOUS WASTE REPORT (BASED ON 1999 DATA)



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EXECUTIVE SUMMARY

The United States Environmental Protection Agency (EPA), in partnership with the States¹, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The purpose of *The National Biennial RCRA Hazardous Waste Report (Based on 1999 Data)* is to communicate the findings of EPA's 1999 Biennial Report (BR) data collection efforts to the public, government agencies, and the regulated community.² The Report consists of six volumes:

- The ***Executive Summary*** provides an overview of national hazardous waste generation and management practices;
- The ***National Analysis*** presents a detailed look at waste-handling practices in the EPA Regions, States, and largest facilities nationally, including (1) the quantity of waste generated, managed, shipped and received, and imported and exported between States and (2) the number of generators and managing facilities;
- The ***State Summary Analysis*** provides a two-page overview of the generation and management practices of individual States;
- The ***State Detail Analysis*** is a detailed look at each State's waste handling practices, including overall totals for generation, management, and shipments and receipts, as well as totals for the largest fifty facilities;
- The ***List of Large Quantity Generators*** identifies every hazardous waste generator in the United States that reported itself to be a large quantity generator in 1999; and
- The ***List of Treatment, Storage, and Disposal Facilities*** identifies every hazardous waste manager in the United States that reported itself to be a treatment, storage, or disposal facility in 1999.

¹ The term "State" includes the District of Columbia, Puerto Rico, Guam, the Navajo Nation, the Trust Territories, and the Virgin Islands, in addition to the 50 United States.

² Some respondents from the States of Georgia and Connecticut submitted Confidential Business Information (CBI) pursuant to §40 CFR 260.2(b). While not included in any public database, CBI has been incorporated into the *Executive Summary* and *National Analysis* volumes of this Report wherever possible. Where CBI has been omitted from these volumes, a footnote has been provided.

RCRA HAZARDOUS WASTE

Throughout this Report, the term RCRA hazardous waste refers to solid waste assigned a Federal Hazardous Waste Code and regulated by RCRA. Some States elect to regulate wastes not regulated by EPA; these wastes are assigned State Hazardous Waste Codes and are not included in this Report. The reader can find more detailed explanations in the *RCRA Orientation Manual* (<http://www.epa.gov/epaoswer/general/orientat/>) and in the Code of Federal Regulations in 40 CFR Parts 260 and 261 (<http://www.epa.gov/docs/epacfr40/chapt-I.info/subch-I.htm>). Please refer to Appendix D of the *National Analysis* volume for a complete list of EPA Hazardous Waste Codes used by the regulated community for their 1999 Biennial Report submissions. Details about the information submitted by the regulated community can be found in the *1999 Hazardous Waste Report Instructions and Forms* (<http://www.epa.gov/epaoswer/hazwaste/data/brs99/forms.htm>).

WASTEWATER EXCLUSION LOGIC USED FOR NATIONAL REPORTING

Wastewaters are defined for biennial reporting as wastes that have a particular form and/or are managed on-site or off-site in treatment systems typically used to manage wastewater. All wastes bearing one of the following wastewater Form Codes (B101-102; B105, B110-116) and/or System Type Codes (M071-079; M081-085, 089; M091-094, 099; M121-125, 129; M134-136) are excluded from the National Report data and the 1999 National Biennial Report, **with one exception: wastewaters managed by System Type Code M134 (Deepwell/Underground Injection) are included in the 1999 National Biennial Report.** Refer to Appendix B and C of the *National Analysis* volume for complete descriptions of the System Type Codes and Form Codes referenced above.

In biennial report cycles prior to 1997, the PS Form was used to separate and exclude from the National Report data all wastes going to on-site treatment systems **exempt** from RCRA permitting requirements. **For the 1999 National Biennial Report, EPA included all non-wastewater data and excluded all wastewater data. The wastewater data was excluded regardless of whether the wastes were managed in RCRA permitted systems prior to management in on-site or off-site treatment systems exempt from RCRA permitting requirements.** This is significant, because historically EPA has included only those wastes managed in units subject to RCRA permitting requirements in the National Biennial Reports. EPA does not believe the inclusion of all non-wastewaters will distort the RCRA hazardous waste management picture presented in this Report, because only a small volume of non-wastewaters are managed in treatment systems exempt from RCRA permitting requirements.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

RCRA HAZARDOUS WASTE GENERATION

RCRA hazardous waste generation information is obtained from data reported by RCRA large quantity generators (LQGs). A generator is defined as a Federal large quantity generator if:

- the generator generated in any single month 1,000 kg (2,200 pounds or 1.1 tons) or more of RCRA hazardous waste; or
- the generator generated in any single month, or accumulated at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or
- the generator generated, or accumulated at any time, more than 100 kg (220 pounds) of spill cleanup material contaminated with RCRA acute hazardous waste.

All generators that reported LQG status in 1999 are required to provide EPA with 1999 waste generation and management information. It is important to note that the LQGs identified in this Report have been included based on the most current information made available to EPA by the States. Both EPA and the States have made a significant effort to ensure the accuracy of this data. However, the LQG counts may include generators that, when determining whether they were LQGs, used a lower State-defined threshold for LQGs, counted wastes regulated only by their States, or counted wastes exempt from Federal regulation.

To help provide a more accurate picture of hazardous waste generation in the United States, EPA requests specific waste generation information from LQGs. For each RCRA hazardous waste generated, LQGs are required to provide a waste description, the applicable Federal Hazardous Waste Codes that most accurately represent the waste generated, and the quantity of waste generated.

In 1999, 20,083 LQGs reported they generated 40 million tons of RCRA hazardous waste. When comparing the 1997 National Biennial Report with the 1999 Report, the number of LQGs decreased by 233, and the quantity of hazardous waste generated decreased by 650 thousand tons or 1.5%. Beginning with the 1997 BR cycle and continuing with the 1999 BR cycle, the generation of wastewater is excluded from the national reporting logic. For a more detailed description of the wastewater exclusion, please refer to the section of the *Executive Summary* entitled "Wastewater Exclusion Logic Used for National Reporting." The wastewater exclusion will make cursory comparisons between the 1999 National Biennial Report and National Reports prior to 1997 misleading.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

As identified in Exhibit 1, the five (5) States which contributed most to the national hazardous waste generation total in 1999 were Texas (14.9 million tons), Louisiana (4.4 million tons), Illinois (2.9 million tons), Tennessee (2.2 million tons), and Ohio (1.6 million tons). Together, the LQGs in these States accounted for 65% of the national total quantity generated.

Exhibit 1 Quantity of RCRA Hazardous Waste Generated and Number of Hazardous Waste Generators, by State, 1999

State	Hazardous Waste Quantity			Large Quantity Generators		
	Rank	Tons Generated	Percentage	Rank	Number	Percentage
ALABAMA	15	491,178	1.2	24	274	1.4
ALASKA	51	1,335	0.0	44	42	0.2
ARIZONA	38	39,016	0.1	29	193	1.0
ARKANSAS	11	970,995	2.4	26	241	1.2
CALIFORNIA	16	427,302	1.1	2	1,850	9.2
COLORADO	35	49,190	0.1	32	163	0.8
CONNECTICUT	27	92,201	0.2	16	391	1.9
DELAWARE	40	26,071	0.1	42	76	0.4
DISTRICT OF COLUMBIA	52	1,167	0.0	48	30	0.1
FLORIDA	19	272,387	0.7	18	366	1.8
GEORGIA	22	209,206	0.5	17	384	1.9
GUAM	55	696	0.0	55	3	0.0
HAWAII	50	1,456	0.0	47	37	0.2
IDAHO	12	851,764	2.1	46	38	0.2
ILLINOIS	3	2,907,327	7.3	5	1,006	5.0
INDIANA	10	984,895	2.5	9	586	2.9
IOWA	36	46,828	0.1	30	188	0.9
KANSAS	7	1,594,119	4.0	27	224	1.1
KENTUCKY	21	214,842	0.5	20	340	1.7
LOUISIANA	2	4,351,245	10.9	14	440	2.2
MAINE	48	4,374	0.0	38	102	0.5
MARYLAND	32	80,256	0.2	23	289	1.4
MASSACHUSETTS	9	1,191,465	3.0	13	448	2.2
MICHIGAN	8	1,385,375	3.5	8	823	4.1
MINNESOTA	34	56,573	0.1	25	262	1.3
MISSISSIPPI	6	1,598,642	4.0	36	136	0.7
MISSOURI	24	158,682	0.4	22	312	1.6
MONTANA	41	23,986	0.1	48	30	0.1
NAVAJO NATION	56	89	0.0	53	6	0.0
NEBRASKA	37	43,224	0.1	41	85	0.4
NEVADA	44	11,473	0.0	38	102	0.5
NEW HAMPSHIRE	45	11,082	0.0	31	168	0.8
NEW JERSEY	13	650,534	1.6	4	1,071	5.3
NEW MEXICO	20	238,558	0.6	45	41	0.2
NEW YORK	14	548,928	1.4	1	2,647	13.2
NORTH CAROLINA	33	74,757	0.2	12	508	2.5
NORTH DAKOTA	49	2,675	0.0	52	16	0.1
OHIO	5	1,644,029	4.1	3	1,181	5.9
OKLAHOMA	18	417,460	1.0	33	147	0.7
OREGON	30	81,270	0.2	28	208	1.0
PENNSYLVANIA	17	417,477	1.0	6	965	4.8
PUERTO RICO	29	86,630	0.2	37	105	0.5
RHODE ISLAND	39	37,622	0.1	34	145	0.7
SOUTH CAROLINA	42	14,761	0.0	19	347	1.7
SOUTH DAKOTA	53	1,074	0.0	51	21	0.1
TENNESSEE	4	2,218,753	5.5	15	396	2.0
TEXAS	1	14,923,520	37.3	7	907	4.5
TRUST TERRITORIES	54	827	0.0	54	4	0.0
UTAH	31	80,427	0.2	40	91	0.5
VERMONT	46	5,275	0.0	43	65	0.3
VIRGIN ISLANDS	43	12,511	0.0	56	1	0.0
VIRGINIA	25	121,787	0.3	21	332	1.7
WASHINGTON	28	91,245	0.2	10	545	2.7
WEST VIRGINIA	26	92,503	0.2	35	139	0.7
WISCONSIN	23	159,174	0.4	11	540	2.7
WYOMING	47	4,746	0.0	50	22	0.1
CBI DATA	N/A	1,066	N/A	N/A	4	N/A
Total		40,026,050	100.0		20,083	100.0

Note: Columns may not sum due to rounding.
Percentages do not include CBI data.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

RCRA HAZARDOUS WASTE MANAGEMENT

RCRA hazardous waste management information is obtained from data reported by active, permitted RCRA treatment, storage, or disposal facilities (TSDs). A TSD is defined as any facility which treats, stores, or disposes of RCRA hazardous waste, regardless of the quantity managed. Only wastes that were treated or disposed of in 1999 are included in the management quantities in this Report. Wastes generated and subsequently stored in 1999 are *not* included in the management quantities in this Report. In addition, the management quantities in this Report do *not* include waste from transfer facilities (System Code M141).

To help provide a more accurate picture of hazardous waste management practices in the United States, EPA requests specific waste management information from TSDs. For each RCRA hazardous waste managed, TSDs are required to provide the quantity of waste managed and the System Type Code which represents the management method used to manage the waste.

It is important to note that the total quantity of RCRA hazardous waste generated is less than the total quantity managed. Some of the reasons for this variance include: wastes generated during non-reporting years but shipped and treated or disposed during a reporting year and wastes received for management from generators in foreign countries.

In 1999, 1,575 TSDs reported they managed 26.3 million tons of RCRA hazardous waste. Of the 1,575 facilities, 1,049 were storage-only facilities. When comparing the 1997 National Biennial Report with the 1999 Report, the number of TSDs decreased by 450, and the total quantity of hazardous waste managed decreased by 11.4 million tons or 30%. Beginning with the 1997 BR cycle and continuing with the 1999 BR cycle, the management of wastewater is excluded from the national reporting logic. For a more detailed description of the wastewater exclusion, please refer to the section of the *Executive Summary* entitled "Wastewater Exclusion Logic Used for National Reporting." The wastewater exclusion will make cursory comparisons between the 1999 National Biennial Report and National Reports prior to 1997 misleading.

As identified in Exhibit 2, the five (5) States whose TSDs managed the largest quantities of hazardous wastes were Texas (5.8 million tons), Louisiana (4.2 million tons), Florida (2.8 million tons), Kansas (2.3 million tons), and Ohio (1.7 million tons). The TSDs in these five (5) States account for 64% of the national management total.

Exhibit 2 Quantity of RCRA Hazardous Waste Managed and Number of RCRA TSD Facilities, by State, 1999

State	Hazardous Waste Quantity ¹			TSD Facilities		
	Rank	Tons Managed	Percentage	Rank	Number	Percentage
ALABAMA	18	211,762	0.8	11	47	3.0
ALASKA	47	4	0.0	40	6	0.4
ARIZONA	38	6,193	0.0	35	16	1.0
ARKANSAS	9	977,784	3.7	18	35	2.2
CALIFORNIA	13	400,559	1.5	1	144	9.1
COLORADO	39	5,282	0.0	33	18	1.1
CONNECTICUT	35	8,627	0.0	31	20	1.3
DELAWARE	41	2,064	0.0	45	5	0.3
DISTRICT OF COLUMBIA	50	0	0.0	51	1	0.1
FLORIDA	3	2,822,198	10.7	12	46	2.9
GEORGIA	23	82,693	0.3	17	37	2.4
GUAM	50	0	0.0	49	2	0.1
HAWAII	46	156	0.0	46	3	0.2
IDAHO	10	860,261	3.3	40	6	0.4
ILLINOIS	12	428,280	1.6	3	86	5.5
INDIANA	7	1,187,981	4.5	20	30	1.9
IOWA	42	1,389	0.0	25	26	1.7
KANSAS	4	2,278,712	8.7	27	24	1.5
KENTUCKY	22	92,897	0.4	23	27	1.7
LOUISIANA	2	4,232,705	16.1	5	68	4.3
MAINE	43	571	0.0	36	10	0.6
MARYLAND	33	12,306	0.0	29	22	1.4
MASSACHUSETTS	36	7,092	0.0	14	43	2.7
MICHIGAN	8	1,132,279	4.3	6	61	3.9
MINNESOTA	29	29,958	0.1	16	40	2.5
MISSISSIPPI	27	45,763	0.2	32	19	1.2
MISSOURI	17	270,066	1.0	8	51	3.2
MONTANA	50	0	0.0	55	0	0.0
NAVAJO NATION	50	0	0.0	55	0	0.0
NEBRASKA	30	27,991	0.1	40	6	0.4
NEVADA	26	48,283	0.2	40	6	0.4
NEW HAMPSHIRE	50	0	0.0	46	3	0.2
NEW JERSEY	19	192,698	0.7	13	44	2.8
NEW MEXICO	49	2	0.0	37	7	0.4
NEW YORK	15	316,470	1.2	7	59	3.7
NORTH CAROLINA	32	20,405	0.1	4	75	4.8
NORTH DAKOTA	44	504	0.0	37	7	0.4
OHIO	5	1,652,870	6.3	10	49	3.1
OKLAHOMA	11	485,193	1.8	20	30	1.9
OREGON	28	38,874	0.1	40	6	0.4
PENNSYLVANIA	16	293,078	1.1	8	51	3.2
PUERTO RICO	21	116,796	0.4	19	31	2.0
RHODE ISLAND	40	2,220	0.0	46	3	0.2
SOUTH CAROLINA	14	329,906	1.3	25	26	1.7
SOUTH DAKOTA	50	0	0.0	51	1	0.1
TENNESSEE	6	1,551,844	5.9	22	28	1.8
TEXAS	1	5,806,458	22.1	2	105	6.7
TRUST TERRITORIES	45	185	0.0	51	1	0.1
UTAH	20	156,799	0.6	23	27	1.7
VERMONT	48	4	0.0	37	7	0.4
VIRGIN ISLANDS	34	11,400	0.0	51	1	0.1
VIRGINIA	24	70,587	0.3	14	43	2.7
WASHINGTON	31	27,371	0.1	28	23	1.5
WEST VIRGINIA	25	55,017	0.2	29	22	1.4
WISCONSIN	37	6,671	0.0	33	18	1.1
WYOMING	50	0	0.0	49	2	0.1
CBI DATA	N/A	88	N/A	N/A	1	N/A
Total		26,309,296	100.0		1,575	100.0

¹ Quantity managed by storage only is excluded.

Note: Columns may not sum due to rounding.
Percentages do not include CBI data.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

In 1999, *land disposal* accounted for 69% of the national non-wastewater management total. Land disposal methods include:

Deepwell/Underground Injection	16.0 million tons
Landfill	1.4 million tons
Surface Impoundment	705 thousand tons
Land Treatment/Application/Farming	30 thousand tons

Thermal treatment accounted for 11% of the national non-wastewater management total. Thermal treatment units include:

Energy Recovery (for Reuse as Fuel)	1.5 million tons
Incineration	1.5 million tons

Recovery operations accounted for 8% of the national non-wastewater management total.

Recovery operations include:

Fuel Blending	1.1 million tons
Metals Recovery (for Reuse)	720 thousand tons
Solvents Recovery	368 thousand tons
Other Recovery	152 thousand tons

The remaining non-wastewater management quantities (11%) were managed in *other treatment and disposal units*, including:

Other Disposal (Specified in Comments)	1.4 million tons
Stabilization	1.3 million tons
Sludge Treatment	48 thousand tons

RCRA HAZARDOUS WASTE SHIPMENTS AND RECEIPTS

RCRA hazardous waste shipment information is obtained from data reported by both RCRA LQGs and RCRA TSDs. To help provide a more accurate picture of hazardous waste shipments in the United States, EPA requests specific shipment information. For each waste shipped, LQGs and TSDs are required to provide a waste description, the applicable Federal Hazardous Waste Codes, the quantity of waste shipped, and the EPA Identification Number of the receiving facility. All RCRA non-wastewater shipments reported by RCRA LQGs and TSDs are included in the waste shipment quantities in this Report, even if the waste was shipped to a transfer facility. In some instances, waste is transferred within a physical location that has more than one EPA Identification Number. These waste transfers are treated as shipments.

RCRA hazardous waste receipt information is obtained from data reported by RCRA TSDs. To help provide a more accurate picture of hazardous waste receipts in the United States, EPA requests certain receipt information from TSDs. For each waste received, TSDs are required to provide a waste description, the applicable Federal Hazardous Waste Codes, the quantity of waste received, and the EPA Identification Number of the facility from which the waste was received. For each received waste which is subsequently managed, TSDs are required to provide the System Type Code which represents the management method used to manage the waste. All RCRA non-wastewater receipts reported by RCRA TSDs are included in the waste receipt quantities in this Report, even if the waste was received from a transfer facility.

RCRA hazardous waste export quantities include wastes generated in one State and shipped to a receiver in a different State. Exports are calculated from information provided by waste shippers. RCRA hazardous waste imports include all wastes received by a State which differs from the State of origin. RCRA hazardous waste imports are calculated from information provided by RCRA TSDs.

In 1999, 17,914 shippers reported shipping 8.1 million tons of RCRA hazardous waste. When comparing the 1997 National Biennial Report with the 1999 Report, the number of shippers decreased by 115, and the quantity of waste shipped increased by 817 thousand tons or 11%. Beginning with the 1997 BR cycle and continuing with the 1999 BR cycle, the shipment of wastewater is excluded from the national reporting logic. For a more detailed description of the wastewater exclusion, please refer to the section of the *Executive Summary* entitled "Wastewater Exclusion Logic Used for National Reporting." The wastewater exclusion will make cursory comparisons between the 1999 National Reports and National Reports prior to 1997 misleading.

Of the 8.1 million tons of RCRA hazardous waste shipped in 1999, 5.7 million tons of waste were **exported** from the State in which they were generated to other States. When comparing the 1997 National Biennial Report with the 1999 Report, the quantity of waste exported increased by 1.3 million tons or 30%. Beginning with the 1997 BR cycle and continuing with the 1999 BR cycle, the export of wastewater is excluded from the national reporting logic. For a more detailed description of the wastewater exclusion, please refer to the section of the *Executive Summary* entitled "Wastewater Exclusion Logic Used for National Reporting." The wastewater exclusion will make cursory comparisons between the 1999 National Biennial Report and National Reports prior to 1997 misleading.

In 1999, 499 TSDs reported receiving 6.6 million tons of RCRA hazardous waste. When comparing the 1997 National Biennial Report with the 1999 Report, the number of TSDs receiving waste decreased by 44, and the quantity of waste received decreased by 1.4 million tons or 18%. Beginning with the 1997 BR cycle and continuing with the 1999 BR cycle, the receipt of wastewater is excluded from the national reporting logic. For a more detailed description of the wastewater exclusion, please refer to the section of the *Executive Summary* entitled "Wastewater Exclusion Logic Used for National Reporting." The wastewater exclusion will make cursory comparisons between the 1999 National Biennial Report and National Reports prior to 1997 misleading.

Of the 6.6 million tons of RCRA hazardous waste received in 1999, 3.7 million tons of waste were **imported** from other States. When comparing the 1997 National Biennial Report with the 1999 Report, the quantity of waste imported decreased by 242 thousand tons or 6%. Beginning with the 1997 BR cycle and continuing with the 1999 BR cycle, the import of wastewater is excluded from the national reporting logic. For a more detailed description of the wastewater exclusion, please refer to the section of the *Executive Summary* entitled "Wastewater Exclusion Logic Used for National Reporting." The wastewater exclusion will make cursory comparisons between the 1999 National Report and National Reports prior to 1997 misleading.

WHERE TO OBTAIN ADDITIONAL INFORMATION

All volumes of *The National Biennial RCRA Hazardous Waste Report (Based on 1999 Data)* and the 1999 Biennial Report data files can be accessed via the Internet at <http://www.epa.gov/epaoswer/hazwaste/data/#brs> or purchased from the National Technical Information Service (NTIS) at (703) 487-4650.



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ALABAMA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 274
- 2 Quantity of RCRA Hazardous Waste Generated: 491,178 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	ALD046481032	SANDERS LEAD CO INC	TROY	177,388
2	AL3210020027	ANNISTON ARMY DEPOT	ANNISTON	74,287
3	ALD070513767	M & M CHEMICAL AND EQUIPMENT COMPANY	ATTALLA	45,824
4	ALD001221902	CIBA SPECIALTY CHEMICALS	MCINTOSH	30,435
5	ALR000006817	TRICO STEEL CO	DECATUR	25,002
6	ALD004014973	GULF STATES STEEL INC	GADSDEN	16,877
7	ALD000622464	CHEMICAL WASTE MANAGEMENT	EMELLE	16,165
8	ALD982088437	TUSCALOOSA STEEL CORP	TUSCALOOSA	12,394
9	ALD000622852	BIRMINGHAM STEEL	BIRMINGHAM	10,700
10	ALD981020894	FISHER INDUSTRIAL SERVICE, INC.	GLENCOE	10,417
11	ALD067123570	SMI STEEL INC.	BIRMINGHAM	8,923
12	ALD095688875	ZENECA AG PRODUCTS INC	BUCKS	5,455
13	ALD006320774	SOLUTIA INC.	DECATUR	4,454
14	ALD094476793	ALLWORTH INC.	BIRMINGHAM	3,823
15	ALD982142960	DANNY ISBELL INC	PELL CITY	3,781
16	ALD075045575	DEGUSSA-HULLS CORPORATION	THEODORE	2,857
17	ALD093179315	E.I. DUPONT - MOBILE SITE	AXIS	2,416
18	ALD003397569	AMERICAN CAST IRON PIPE	BIRMINGHAM	2,057
19	ALD040653636	SONY MAGNETIC PRODUCTS, INC. OF AMERICA	DOTHAN	1,980
20	ALD053360897	MORTON INTERNATIONAL	DECATUR	1,933
21	ALD102066636	SCHLUMBERGER WATER DIVISION	TALLASSEE	1,834
22	ALD981475304	KW PLASTICS	TROY	1,328
23	ALD000608224	CREANOVA INC.	THEODORE	1,219
24	ALD003297116	QUANTEGY INC	OPELIKA	1,211
25	AL2640090005	TVA POWER SERVICE CENTER	MUSCLE SHOALS	1,119
26	ALD982115180	JVC MAGNETICS AMERICA COMPANY	TUSCALOOSA	1,084
27	ALD058221326	ALABAMA WOOD TREATING SITE (ASD)	MOBILE	959
28	ALD004023164	3M COMPANY	DECATUR	932
29	ALD981019045	SYSTECH ENVIRONMENTAL CORPORATION	DEMOPOLIS	790
30	ALD983190646	ABC-NACO INC	CALERA	776
31	ALD982123184	FONTAINE SPECIALIZED	SPRINGVILLE	742
32	ALD000827352	STEELCASE INC	ATHENS	712
33	ALD031499833	ALLIED SIGNAL INC FAIRFIELD TAR PLANT	BIRMINGHAM	688
34	ALD020852422	SHELL CHEMICAL COMPANY, MOBILE REFINERY	SARALAND	685
35	ALD000608216	HAGER COMPANIES-MONTGOMERY	MONTGOMERY	684
36	ALD983191206	PRESSAC INC.	CULLMAN	675
37	ALD004019642	OCCIDENTAL CHEMICAL CORP	MUSCLE SHOALS	656
38	ALD004019691	3M GUIN	GUIN	640
39	ALD095687679	WISE ALLOYS LLC - ALLOYS PLANT	MUSCLE SHOALS	594
40	ALD055798037	SCOTTSBORO ALUMINUM, L.L.C.	SCOTTSBORO	568
41	ALD004017901	U.S. PIPE & FOUNDRY COMPANY - NBM PLANT	BIRMINGHAM	513
42	ALD004019485	GREIF BROS. CORPORATION	CULLMAN	498
43	ALR000008243	TECHNICAL COATINGS CO	PELL CITY	494
44	ALD003396983	ANDERSON ELECTRICAL PROD INC	LEEDS	490
45	ALD057213811	LEE BRASS COMPANY	ANNISTON	480
46	ALD078964970	VALSPAR COATINGS	BIRMINGHAM	465
47	ALD008163115	MOBILE PAINT MFG CO INC	THEODORE	441
48	ALD983192246	MDA MANUFACTURING, INC.	DECATUR	433
49	ALD095704011	SUTTLES TRUCK LEASING, LLC	DEMOPOLIS	427
50	ALD983168097	AVANTI POLAR LIPIDS, INC.	ALABASTER	332
Total				479,637

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

ALABAMA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	9,712	ONLY AN F CODE	5,295		
ONLY CORROSIVE	1,427	ONLY A K CODE	63,943		
ONLY REACTIVE	28	ONLY A P CODE	288		
ONLY D004-17	267,219	ONLY A U CODE	221		
ONLY D018-43	277				
HAS MORE THAN ONE CHARACTERISTIC CODE	10,080	HAS MORE THAN ONE LISTED CODE	31,396		
TOTAL	288,743	TOTAL	101,144	Both Characteristic and Listed	101,292

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	8,320			IGN. W/ AT LEAST 1 LSTD	84,997
HAS CORROSIVE CODE	5,118			CORR. W/ AT LEAST 1 LSTD	4,253
HAS REACTIVE CODE	295			REACT. W/ AT LEAST 1 LSTD	4,044
HAS D004-D017 CODE	4,214			D004-17 W/ AT LEAST 1 LSTD	72,309
HAS D018-D043 CODE	4,533			D018-43 W/ AT LEAST 1 LSTD	73,303
		HAS AN F CODE	31,346	F WASTE W/ AT LEAST 1 CHAR	89,694
		HAS A K CODE	65	K WASTE W/ AT LEAST 1 CHAR	35,185
		HAS A P CODE	16,734	P WASTE W/ AT LEAST 1 CHAR	697
		HAS A U CODE	31,381	U WASTE W/ AT LEAST 1 CHAR	25,452
TOTAL	10,080	TOTAL	31,396	TOTAL	101,292

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

ALABAMA**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 47

7 Quantity of RCRA Hazardous Waste Managed: 211,762 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	ALD070513767	M & M CHEMICAL AND EQUIPMENT COMPANY	ATTALLA	87,021
2	ALD000622464	CHEMICAL WASTE MANAGEMENT	EMELLE	59,793
3	ALD046481032	SANDERS LEAD CO INC	TROY	32,037
4	ALD001221902	CIBA SPECIALTY CHEMICALS	MCINTOSH	21,870
5	ALD981020894	FISHER INDUSTRIAL SERVICE, INC.	GLENCOE	7,552
6	ALD003397569	AMERICAN CAST IRON PIPE	BIRMINGHAM	2,000
7	ALD981019045	SYSTECH ENVIRONMENTAL CORPORATION	DEMOPOLIS	790
8	ALD031499833	ALLIED SIGNAL INC FAIRFIELD TAR PLANT	BIRMINGHAM	518
9	ALD983177015	TERRA FIRST-ALABAMA STORAGE	VERNON	98
10	ALD981919368	HAMILTON BATHWARE	HAMILTON	52
11	ALD079474037	UNIV OF SOUTH ALA MAIN CAMPUS	MOBILE	28
12	ALD983176520	MOBILE AEROSPACE ENGINEERING INC	MOBILE	4
13	ALD980839492	UNIV OF SOUTH ALABAMA MEDICAL CENTER	MOBILE	0
Total				211,762

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

ALABAMA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	15,675	7.4	3	23.1
SOLVENTS RECOVERY	M021-M029	52	0.0	2	15.4
OTHER RECOVERY	M031-M039	1	0.0	1	7.7
INCINERATION	M041-M049	21,505	10.2	5	38.5
ENERGY RECOVERY	M051-M059	921	0.4	1	7.7
FUEL BLENDING	M061	94,546	44.6	5	38.5
STABILIZATION	M111-M119	53,522	25.3	3	23.1
LANDFILL	M132	25,539	12.1	2	15.4
		211,762	100.0	13	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	94,546	44.6	5	38.5
STABILIZATION	M111-M119	53,522	25.3	3	23.1
LANDFILL	M132	25,539	12.1	2	15.4
INCINERATION	M041-M049	21,505	10.2	5	38.5
METALS RECOVERY	M011-M019	15,675	7.4	3	23.1
ENERGY RECOVERY	M051-M059	921	0.4	1	7.7
SOLVENTS RECOVERY	M021-M029	52	0.0	2	15.4
OTHER RECOVERY	M031-M039	1	0.0	1	7.7
		211,762	100.0	13	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	21,505	10.2	5	38.5
FUEL BLENDING	M061	94,546	44.6	5	38.5
METALS RECOVERY	M011-M019	15,675	7.4	3	23.1
STABILIZATION	M111-M119	53,522	25.3	3	23.1
SOLVENTS RECOVERY	M021-M029	52	0.0	2	15.4
LANDFILL	M132	25,539	12.1	2	15.4
OTHER RECOVERY	M031-M039	1	0.0	1	7.7
ENERGY RECOVERY	M051-M059	921	0.4	1	7.7
		211,762	100.0	13	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

ALABAMA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 264

13 Quantity of RCRA Hazardous Waste Shipped: 220,690 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	ALD070513767	M & M CHEMICAL AND EQUIPMENT COMPANY	ATTALLA	46,913
2	ALR000006817	TRICO STEEL CO	DECATUR	25,002
3	ALD000622464	CHEMICAL WASTE MANAGEMENT	EMELLE	19,378
4	ALD004014973	GULF STATES STEEL INC	GADSDEN	16,575
5	ALD981020894	FISHER INDUSTRIAL SERVICE, INC.	GLENCOE	13,711
6	ALD982088437	TUSCALOOSA STEEL CORP	TUSCALOOSA	12,394
7	ALD000622852	BIRMINGHAM STEEL	BIRMINGHAM	10,700
8	ALD067123570	SMI STEEL INC.	BIRMINGHAM	8,923
9	ALD001221902	CIBA SPECIALTY CHEMICALS	MCINTOSH	8,560
10	ALD095688875	ZENECA AG PRODUCTS INC	BUCKS	6,502
11	ALD094476793	ALLWORTH INC.	BIRMINGHAM	4,702
12	ALD982142960	DANNY ISBELL INC	PELL CITY	3,781
13	ALD075045575	DEGUSSA-HULS CORPORATION	THEODORE	2,855
14	ALD006320774	SOLUTIA INC.	DECATUR	2,760
15	ALD093179315	E.I. DUPONT - MOBILE SITE	AXIS	2,416
16	AL3210020027	ANNISTON ARMY DEPOT	ANNISTON	1,928
17	ALD102066636	SCHLUMBERGER WATER DIVISION	TALLASSEE	1,833
18	ALD981475304	KW PLASTICS	TROY	1,328
19	ALD983191206	PRESSAC INC.	CULLMAN	1,299
20	ALD000608224	CREANOVA INC.	THEODORE	1,217
21	ALD021257951	RENTOKIL INITIAL ENVIRONMENTAL SERVICES	CREOLA	1,198
22	ALD058221326	ALABAMA WOOD TREATING SITE (ASD)	MOBILE	959
23	ALD004023164	3M COMPANY	DECATUR	900
24	ALD046481032	SANDERS LEAD CO INC	TROY	884
25	ALD053360897	MORTON INTERNATIONAL	DECATUR	851
26	ALD981019045	SYSTECH ENVIRONMENTAL CORPORATION	DEMOPOLIS	790
27	ALD983190646	ABC-NACO INC	CALERA	776
28	ALD000827352	STEELCASE INC	ATHENS	712
29	ALD000608216	HAGER COMPANIES-MONTGOMERY	MONTGOMERY	685
30	ALD983177015	TERRA FIRST-ALABAMA STORAGE	VERNON	646
31	ALD004019691	3M GUIN	GUIN	640
32	ALD004019642	OCCIDENTAL CHEMICAL CORP	MUSCLE SHOALS	635
33	ALD095687679	WISE ALLOYS LLC - ALLOYS PLANT	MUSCLE SHOALS	594
34	ALD055798037	SCOTTSBORO ALUMINUM, L.L.C.	SCOTTSBORO	568
35	ALD004017901	U.S. PIPE & FOUNDRY COMPANY - NBM PLANT	BIRMINGHAM	513
36	ALD004019485	GREIF BROS. CORPORATION	CULLMAN	498
37	ALR000008243	TECHNICAL COATINGS CO	PELL CITY	494
38	ALD003396983	ANDERSON ELECTRICAL PROD INC	LEEDS	490
39	ALD057213811	LEE BRASS COMPANY	ANNISTON	480
40	ALD078964970	VALSPAR COATINGS	BIRMINGHAM	465
41	ALD040653636	SONY MAGNETIC PRODUCTS, INC. OF AMERICA	DOTHAN	461
42	ALD008163115	MOBILE PAINT MFG CO INC	THEODORE	441
43	ALD095704011	SUTTLES TRUCK LEASING, LLC	DEMOPOLIS	427
44	ALD983192246	MDA MANUFACTURING, INC.	DECATUR	416
45	AL2640090005	TVA POWER SERVICE CENTER	MUSCLE SHOALS	371
46	ALD983168097	AVANTI POLAR LIPIDS, INC.	ALABASTER	332
47	ALD982115180	JVC MAGNETICS AMERICA COMPANY	TUSCALOOSA	322
48	ALD004023180	NICHOLS ALUMINUM ALABAMA	DECATUR	303
49	ALD020852422	SHELL CHEMICAL COMPANY, MOBILE REFINERY	SARALAND	297
50	ALD008161176	AKZO NOBEL FUNCTIONAL CHEMICALS	AXIS	287
Total				210,211

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

ALABAMA

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 8
- 16 Quantity of RCRA Hazardous Waste Received: 124,078 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	ALD000622464	CHEMICAL WASTE MANAGEMENT	EMELLE	61,527
2	ALD070513767	M & M CHEMICAL AND EQUIPMENT COMPANY	ATTALLA	42,451
3	ALD981020894	FISHER INDUSTRIAL SERVICE, INC.	GLENCOE	13,661
4	ALD046481032	SANDERS LEAD CO INC	TROY	5,015
5	ALD983177015	TERRA FIRST-ALABAMA STORAGE	VERNON	1,267
6	ALD031499833	ALLIED SIGNAL INC FAIRFIELD TAR PLANT	BIRMINGHAM	98
7	AL2640090005	TVA POWER SERVICE CENTER	MUSCLE SHOALS	42
8	ALD079474037	UNIV OF SOUTH ALA MAIN CAMPUS	MOBILE	16
Total				124,078

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

ALABAMA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	5,024	4.4	2	28.6
OTHER RECOVERY	M031-M039	0	0.0	1	14.3
INCINERATION	M041-M049	99	0.1	3	42.9
ENERGY RECOVERY	M051-M059	921	0.8	1	14.3
FUEL BLENDING	M061	47,429	41.9	4	57.1
STABILIZATION	M111-M119	35,137	31.0	1	14.3
LANDFILL	M132	24,636	21.8	1	14.3
		113,247	100.0	7	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	47,429	41.9	4	57.1
STABILIZATION	M111-M119	35,137	31.0	1	14.3
LANDFILL	M132	24,636	21.8	1	14.3
METALS RECOVERY	M011-M019	5,024	4.4	2	28.6
ENERGY RECOVERY	M051-M059	921	0.8	1	14.3
INCINERATION	M041-M049	99	0.1	3	42.9
OTHER RECOVERY	M031-M039	0	0.0	1	14.3
		113,247	100.0	7	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	47,429	41.9	4	57.1
INCINERATION	M041-M049	99	0.1	3	42.9
METALS RECOVERY	M011-M019	5,024	4.4	2	28.6
OTHER RECOVERY	M031-M039	0	0.0	1	14.3
ENERGY RECOVERY	M051-M059	921	0.8	1	14.3
STABILIZATION	M111-M119	35,137	31.0	1	14.3
LANDFILL	M132	24,636	21.8	1	14.3
		113,247	100.0	7	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

ALABAMA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 82,494 Tons

22 Quantity of RCRA Hazardous Waste Exported: 175,601 Tons

ALASKA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 42
- 2 Quantity of RCRA Hazardous Waste Generated: 1,335 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	AK1210022157	USARMY FORT RICHARDSON	FT RICHARDSON	294
2	AKD048679682	TESORO ALASKA PETROLEUM CO KENAI REF	KENAI	218
3	AK6210022426	USARMY FORT WAINWRIGHT	FT WAINWRIGHT	173
4	AK9690330742	USCG INTEGRATED SUPPORT COMMAND KODIAK	KODIAK	140
5	AKD052581758	TAPS VALDEZ MARINE TERMINAL	VALDEZ	61
6	AKR000003228	GAMBELL CITY OF	GAMBELL	55
7	AKD981769821	ALASKA SHIP & DRY DOCK	KETCHIKAN	53
8	AK8570028649	USAF ELMENDORF AFB	ELMENDORF AFB	51
9	AK1570028646	USAF EIELSON AFB	EIELSON AFB	45
10	AKD035419795	TESORO KENAI PIPE LINE COMPANY	KENAI	33
11	AK4170024323	USNAVY CARETAKER SITE OFFICE-ADAK	ADAK ISLAND	25
12	AKD000618132	TESORO ALASKA ANCHORAGE TERMINAL #1	ANCHORAGE	20
13	AK3210022155	USARMY FORT GREELY AK	DELTA JUNCTION	17
14	AKD991281221	ARCO ALASKA INC PRUDHOE BAY OILF	PRUDHOE BAY	13
15	AKD048679567	UNIVERSITY OF ALASKA FAIRBANKS	FAIRBANKS	13
16	AKD000850701	WILLIAMS ALASKA PETROLEUM NORTH POLE	NORTH POLE	13
17	AK0141190082	USDOI BLM KOGRU RIVER DEWLINE STATION	BARROW	12
18	AKR000000364	BAKER HUGHES INTEQ KENAI WAREHOUSE	KENAI	11
19	AKD009252230	KETCHIKAN PULP CO	KETCHIKAN	9
20	AKD002848588	GOLDEN VALLEY ELECTRIC ASSN	FAIRBANKS	8
21	AKD061038816	ANCHORAGE INTL AIRPORT	ANCHORAGE	7
22	AKR000003509	USARMY USACE COLD BAY	COLD BAY	6
23	AKR000002790	ADEC RIVER TERRACE CLEANUP VARIOUS SITES	SOLDOTNA	6
24	AK8690360492	USCG ISC KETCHIKAN	KETCHIKAN	5
25	AKD980977078	ANCHORAGE SD FAC MAINT	ANCHORAGE	5
26	AKD000643239	BP EXPLORATION ALASKA PRUDHOE BAY WESTER	PRUDHOE BAY	5
27	AKD983076282	ALYESKA NORTHSTAR TERMINAL	FAIRBANKS	5
28	AKD980495618	US DOI BLM RED DEVIL MINE	RED DEVIL	4
29	AKR000003947	RYAN LODGE MINE	FAIRBANKS	4
30	AK1570028638	USAF CLEAR AIR STATION	CLEAR	3
31	AKR000000836	GREAT WESTERN CHEMICAL COMPANY	FAIRBANKS	3
32	AKD983068677	ADOT & PF FAIRBANKS INTL AIRPORT	FAIRBANKS	3
33	AK1690502165	US DOT FAA MOSES POINT FACILITY	MOSES POINT	3
34	AKD983076258	ALYESKA MAINLINE REFRIGERATION UNIT 2	GLENNALLEN	2
35	AK2690502354	USDOT FAA CAPE YAKATAGA FACILITY	CAPE YAKATAGA	2
36	AK3690502403	USDOT FAA YAKUTAT	YAKUTAT	2
37	AKD980665152	USDOI BLM SAGWON AIRSTRIP DUMP	DEADHORSE	1
38	AKR000002014	ANNETTE HEMLOCK MILL	METLAKATLA	1
39	AKR000003202	USARMY USACE ANNETTE ISLAND GASOLINE STO	METLAKATLA	1
Total				1,335

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

ALASKA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	49	ONLY AN F CODE	100		
ONLY CORROSIVE	12	ONLY A K CODE	76		
ONLY REACTIVE	15	ONLY A P CODE	0		
ONLY D004-17	330	ONLY A U CODE	179		
ONLY D018-43	112				
HAS MORE THAN ONE CHARACTERISTIC CODE	270	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	787	TOTAL	355	Both Characteristic and Listed	190

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	241			IGN. W/ AT LEAST 1 LSTD	32
HAS CORROSIVE CODE	8			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	5			REACT. W/ AT LEAST 1 LSTD	51
HAS D004-D017 CODE	87			D004-17 W/ AT LEAST 1 LSTD	33
HAS D018-D043 CODE	239			D018-43 W/ AT LEAST 1 LSTD	124
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	156
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	32
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	3
TOTAL	270	TOTAL	0	TOTAL	190

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

ALASKA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 6

7 Quantity of RCRA Hazardous Waste Managed: 4 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	AK8690360492	USCG ISC KETCHIKAN	KETCHIKAN	4
Total				4

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

ALASKA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	4	85.7	1	100.0
FUEL BLENDING	M061	0	0.4	1	100.0
STABILIZATION	M111-M119	0	0.6	1	100.0
LANDFILL	M132	1	13.3	1	100.0
		4	100.0	1	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	4	85.7	1	100.0
LANDFILL	M132	1	13.3	1	100.0
STABILIZATION	M111-M119	0	0.6	1	100.0
FUEL BLENDING	M061	0	0.4	1	100.0
		4	100.0	1	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	4	85.7	1	100.0
FUEL BLENDING	M061	0	0.4	1	100.0
STABILIZATION	M111-M119	0	0.6	1	100.0
LANDFILL	M132	1	13.3	1	100.0
		4	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

ALASKA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 40

13 Quantity of RCRA Hazardous Waste Shipped: 1,348 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	AK1210022157	USARMY FORT RICHARDSON	FT RICHARDSON	274
2	AKD048679682	TESORO ALASKA PETROLEUM CO KENAI REF	KENAI	206
3	AK6210022426	USARMY FORT WAINWRIGHT	FT WAINWRIGHT	152
4	AK9690330742	USCG INTEGRATED SUPPORT COMMAND KODIAK	KODIAK	135
5	AK8570028649	USAF ELMENDORF AFB	ELMENDORF AFB	74
6	AKD052581758	TAPS VALDEZ MARINE TERMINAL	VALDEZ	61
7	AKD980665152	USDOI BLM SAGWON AIRSTRIP DUMP	DEADHORSE	56
8	AKR000003228	GAMBELL CITY OF	GAMBELL	55
9	AKD981769821	ALASKA SHIP & DRY DOCK	KETCHIKAN	53
10	AK1570028646	USAF EIELSON AFB	EIELSON AFB	43
11	AKD035419795	TESORO KENAI PIPE LINE COMPANY	KENAI	33
12	AK4170024323	USNAVY CARETAKER SITE OFFICE-ADAK	ADAK ISLAND	24
13	AKD000618132	TESORO ALASKA ANCHORAGE TERMINAL #1	ANCHORAGE	20
14	AK3210022155	USARMY FORT GREELY AK	DELTA JUNCTION	14
15	AKD991281221	ARCO ALASKA INC PRUDHOE BAY OILF	PRUDHOE BAY	14
16	AKD048679567	UNIVERSITY OF ALASKA FAIRBANKS	FAIRBANKS	13
17	AKD000850701	WILLIAMS ALASKA PETROLEUM NORTH POLE	NORTH POLE	13
18	AK0141190082	USDOI BLM KOGRU RIVER DEWLINE STATION	BARROW	12
19	AKR000000364	BAKER HUGHES INTEQ KENAI WAREHOUSE	KENAI	11
20	AKD009252230	KETCHIKAN PULP CO	KETCHIKAN	9
21	AKD002848588	GOLDEN VALLEY ELECTRIC ASSN	FAIRBANKS	8
22	AKD061038816	ANCHORAGE INTL AIRPORT	ANCHORAGE	7
23	AKR000003509	USARMY USACE COLD BAY	COLD BAY	6
24	AKR000002790	ADEC RIVER TERRACE CLEANUP VARIOUS SITES	SOLDOTNA	6
25	AK8690360492	USCG ISC KETCHIKAN	KETCHIKAN	5
26	AKD980977078	ANCHORAGE SD FAC MAINT	ANCHORAGE	5
27	AKD000643239	BP EXPLORATION ALASKA PRUDHOE BAY WESTER	PRUDHOE BAY	5
28	AKD980495618	US DOI BLM RED DEVIL MINE	RED DEVIL	4
29	AKD983076282	ALYESKA NORTHSTAR TERMINAL	FAIRBANKS	4
30	AKR000003947	RYAN LODGE MINE	FAIRBANKS	4
31	AK1570028638	USAF CLEAR AIR STATION	CLEAR	3
32	AKR000000836	GREAT WESTERN CHEMICAL COMPANY	FAIRBANKS	3
33	AK1690502165	US DOT FAA MOSES POINT FACILITY	MOSES POINT	3
34	AKD983076258	ALYESKA MAINLINE REFRIGERATION UNIT 2	GLENNALLEN	2
35	AKD983068677	ADOT & PF FAIRBANKS INTL AIRPORT	FAIRBANKS	2
36	AK2690502354	USDOT FAA CAPE YAKATAGA FACILITY	CAPE YAKATAGA	2
37	AK3690502403	USDOT FAA YAKUTAT	YAKUTAT	2
38	AKR000002014	ANNETTE HEMLOCK MILL	METLAKATLA	1
39	AKR000003913	NIPPON EXPRESS USA, INC	ANCHORAGE	1
40	AKR000003202	USARMY USACE ANNETTE ISLAND GASOLINE STO	METLAKATLA	1
Total				1,348

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

ALASKA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 4

16 Quantity of RCRA Hazardous Waste Received: 58 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	AK8570028649	USAF ELMENDORF AFB	ELMENDORF AFB	44
2	AK6210022426	USARMY FORT WAINWRIGHT	FT WAINWRIGHT	7
3	AK8690360492	USCG ISC KETCHIKAN	KETCHIKAN	4
4	AK9690330742	USCG INTEGRATED SUPPORT COMMAND KODIAK	KODIAK	3
Total				58

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

ALASKA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	4	85.7	1	100.0
FUEL BLENDING	M061	0	0.4	1	100.0
STABILIZATION	M111-M119	0	0.6	1	100.0
LANDFILL	M132	1	13.3	1	100.0
		4	100.0	1	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	4	85.7	1	100.0
LANDFILL	M132	1	13.3	1	100.0
STABILIZATION	M111-M119	0	0.6	1	100.0
FUEL BLENDING	M061	0	0.4	1	100.0
		4	100.0	1	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	4	85.7	1	100.0
FUEL BLENDING	M061	0	0.4	1	100.0
STABILIZATION	M111-M119	0	0.6	1	100.0
LANDFILL	M132	1	13.3	1	100.0
		4	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

ALASKA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 0 Tons

22 Quantity of RCRA Hazardous Waste Exported: 1,307 Tons

ARIZONA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 193
- 2 Quantity of RCRA Hazardous Waste Generated: 39,016 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	AZD009005422	RAYTHEON COMPANY	TUCSON	10,846
2	AZR000000604	NORTH STAR STEEL AZ	KINGMAN	9,226
3	AZT050010768	TRANSWESTERN PIPELINE CO	REMOTE-NEAR FLAGSTAFF	4,822
4	AZD001886597	BHP COPPER -PINAL	SAN MANUEL	1,628
5	AZD000625715	GOULD ELECTRONICS INC	CHANDLER	628
6	AZD063274609	HADCO PHOENIX, INC.	PHX	609
7	AZD043848050	MOTOROLA, INC.	MESA	606
8	AZD980816920	MOTOROLA -CHANDLER	CHANDLER	568
9	AZR000001107	INTEL CORP/OCOTILLO CAMPUS	CHANDLER	519
10	AZD001886654	BHP COPPER -SUPERIOR	SUPERIOR	441
11	AZD982519746	IMATION CORP.	TUCSON	345
12	AZD982491649	TRW VSSI MESA II	QUEEN CREEK	327
13	AZD983483488	INNOVEX S.W.- CHANDLER	CHANDLER	297
14	AZD009004177	MOTOROLA-PHOENIX	PHX	285
15	AZD083726034	REVLON CONSUMER PRDTS	PHX	282
16	AZ0000886572	STMICROELECTRONICS (1000)	PHX	278
17	AZ5213820991	U.S. ARMY YUMA PROV GRND	YUMA	275
18	AZD060624251	HELPS DODGE MIAMI	CLAYPOOL	266
19	AZ000068957	ARIZONA GALVANIZING	GOODYEAR	264
20	AZD982435166	PRINTPACK, INC.	PRESCOTT VLY	253
21	AZ0000337360	SALESCO SYSTEMS USA	PHX	233
22	AZD980886477	AVIATION MGMT	PHX	226
23	AZD003987997	HEXCEL	CASA GRANDE	220
24	AZD982486169	METCO METAL FINISHING	PHX	209
25	AZD020703310	LEARJET INC.	TUCSON	204
26	AZD980881163	MCDONNELL DOUGLAS HELICOPTER	MESA	175
27	AZR000035436	SCI, LLC	PHOENIX	174
28	AZD982485484	NATIONAL AIRCRAFT INC.	TUCSON	173
29	AZT000618512	MOTOROLA, TEMPE	TEMPE	162
30	AZD980818330	NELCO TECHNOLOGY, INC.	TEMPE	162
31	AZD982400889	WEISER LOCK CO	TUCSON	160
32	AZD009000050	HONEYWELL ENGINES & SYS.	PHX	156
33	AZD982503385	DYNACO CORP	TEMPE	142
34	AZD983583048	QUALITY PRINTED CIRCUITS	PHX	141
35	AZD980735179	ISOLA LAMINATE SYSTEMS	CHANDLER	138
36	AZR000002394	MGC CHEMICALS AMERICA, INC.	MESA	138
37	AZD091235457	INTEL CORP/CHANDLER CAMPUS	CHANDLER	132
38	AZD041458555	MC CULLOCH CORP	LAKE HAVASU CITY	121
39	AZD981648892	CITY OF PHX - DEER VALLEY WTP	PHX	118
40	AZT000624445	SOUTH BAY CIRCUITS, INC.	CHANDLER	117
41	AZD008394454	BURR-BROWN CORP	TUCSON	108
42	AZD000819615	UNIVERSITY OF AZ	TUCSON	85
43	AZD981988967	MASTERCRAFT CABINETS, INC.	MESA	81
44	AZD041456872	TREFFERS PRECISION, INC.	PHX	80
45	AZD981667686	MICROCHIP TECHNOLOGY INC.	TEMPE	76
46	AZD082890799	LITTON ELECTRO OPTICAL SYS	TEMPE	71
47	AZD982471062	TRW VEHICLE SAFETY SYS, MESA 1	MESA	67
48	AZR000003426	NAFTA ENVIRONMENTAL INC	SOMERTON	67
49	AZD018517698	HONEYWELL ENGINES SYS.-TEMPE	TEMPE	63
50	AZR000005454	EARTH PROTECTION SVCS., INC.	PHX	63
Total				36,829

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

ARIZONA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	782	ONLY AN F CODE	12,564		
ONLY CORROSIVE	328	ONLY A K CODE	9,225		
ONLY REACTIVE	155	ONLY A P CODE	122		
ONLY D004-17	3,997	ONLY A U CODE	24		
ONLY D018-43	28				
HAS MORE THAN ONE CHARACTERISTIC CODE	6,281	HAS MORE THAN ONE LISTED CODE	67		
TOTAL	11,571	TOTAL	22,001	Both Characteristic and Listed	5,424

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	5,294			IGN. W/ AT LEAST 1 LSTD	4,446
HAS CORROSIVE CODE	997			CORR. W/ AT LEAST 1 LSTD	12
HAS REACTIVE CODE	207			REACT. W/ AT LEAST 1 LSTD	199
HAS D004-D017 CODE	5,952			D004-17 W/ AT LEAST 1 LSTD	975
HAS D018-D043 CODE	226			D018-43 W/ AT LEAST 1 LSTD	1,498
		HAS AN F CODE	20	F WASTE W/ AT LEAST 1 CHAR	5,048
		HAS A K CODE	47	K WASTE W/ AT LEAST 1 CHAR	194
		HAS A P CODE	67	P WASTE W/ AT LEAST 1 CHAR	226
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	279
TOTAL	6,281	TOTAL	67	TOTAL	5,424

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

ARIZONA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 16

7 Quantity of RCRA Hazardous Waste Managed: 6,193 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	AZD009015389	ROMIC ENVIRONMENTAL TECHNOLOGIES	CHANDLER	3,620
2	AZD049318009	SAFETY KLEEN S.W	PHX	2,193
3	AZ5213820991	U.S. ARMY YUMA PROV GRND	YUMA	262
4	AZD081705402	HERITAGE ENVIRONMENTAL SVC, LLC	COOLIDGE	116
5	AZD000819615	UNIVERSITY OF AZ	TUCSON	2
Total				6,193

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

ARIZONA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	76	1.2	2	40.0
SOLVENTS RECOVERY	M021-M029	1,289	20.8	2	40.0
INCINERATION	M041-M049	804	13.0	2	40.0
ENERGY RECOVERY	M051-M059	3,438	55.5	2	40.0
FUEL BLENDING	M061	336	5.4	2	40.0
STABILIZATION	M111-M119	94	1.5	2	40.0
LAND TREATMENT / APPLICATION / FARMING	M131	12	0.2	1	20.0
LANDFILL	M132	144	2.3	1	20.0
		6,193	100.0	5	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	3,438	55.5	2	40.0
SOLVENTS RECOVERY	M021-M029	1,289	20.8	2	40.0
INCINERATION	M041-M049	804	13.0	2	40.0
FUEL BLENDING	M061	336	5.4	2	40.0
LANDFILL	M132	144	2.3	1	20.0
STABILIZATION	M111-M119	94	1.5	2	40.0
METALS RECOVERY	M011-M019	76	1.2	2	40.0
LAND TREATMENT / APPLICATION / FARMING	M131	12	0.2	1	20.0
		6,193	100.0	5	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	76	1.2	2	40.0
SOLVENTS RECOVERY	M021-M029	1,289	20.8	2	40.0
INCINERATION	M041-M049	804	13.0	2	40.0
ENERGY RECOVERY	M051-M059	3,438	55.5	2	40.0
FUEL BLENDING	M061	336	5.4	2	40.0
STABILIZATION	M111-M119	94	1.5	2	40.0
LAND TREATMENT / APPLICATION / FARMING	M131	12	0.2	1	20.0
LANDFILL	M132	144	2.3	1	20.0
		6,193	100.0	5	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

ARIZONA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 181

13 Quantity of RCRA Hazardous Waste Shipped: 48,361 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	AZD009005422	RAYTHEON COMPANY	TUCSON	10,846
2	AZR000000604	NORTH STAR STEEL AZ	KINGMAN	9,225
3	AZT050010768	TRANSWESTERN PIPELINE CO	REMOTE-NEAR FLAGSTAFF	4,822
4	AZD009015389	ROMIC ENVIRONMENTAL TECHNOLOGIES	CHANDLER	3,715
5	AZD049318009	SAFETY KLEEN S.W	PHX	3,256
6	AZD001886597	BHP COPPER -PINAL	SAN MANUEL	1,629
7	AZD981969504	SAFETY-KLEEN SYSTEMS, INC.	CHANDLER	1,418
8	AZD980892731	INNOVATIVE WASTE UTILIZATION	PHX	840
9	AZD081705402	HERITAGE ENVIRONMENTAL SVC, LLC	COOLIDGE	725
10	AZD000625715	GOULD ELECTRONICS INC	CHANDLER	628
11	AZD063274609	HADCO PHOENIX, INC.	PHX	609
12	AZD043848050	MOTOROLA, INC.	MESA	606
13	AZD980816920	MOTOROLA -CHANDLER	CHANDLER	568
14	AZR000001107	INTEL CORP/OCOTILLO CAMPUS	CHANDLER	519
15	AZD001886654	BHP COPPER -SUPERIOR	SUPERIOR	441
16	AZD980892897	SAFETY KLEEN SYS-TUCSON	TUCSON	421
17	AZD982519746	IMATION CORP.	TUCSON	345
18	AZ0000886572	STMICROELECTRONICS (1000)	PHX	308
19	AZD009004177	MOTOROLA-PHOENIX	PHX	285
20	AZD083726034	REVLON CONSUMER PRDTS	PHX	282
21	AZD983483488	INNOVEX S.W.- CHANDLER	CHANDLER	277
22	AZD060624251	PHELPS DODGE MIAMI	CLAYPOOL	266
23	AZ0000337360	SALESCO SYSTEMS USA	PHX	233
24	AZD003987997	HEXCEL	CASA GRANDE	220
25	AZD982486169	METCO METAL FINISHING	PHX	209
26	AZD020703310	LEARJET INC.	TUCSON	204
27	AZD982491649	TRW VSSI MESA II	QUEEN CREEK	186
28	AZD980881163	MCDONNELL DOUGLAS HELICOPTER	MESA	183
29	AZD980886477	AVIATION MGMT	PHX	176
30	AZR000035436	SCI, LLC	PHOENIX	174
31	AZT000618512	MOTOROLA, TEMPE	TEMPE	169
32	AZD980818330	NELCO TECHNOLOGY, INC.	TEMPE	162
33	AZD009000050	HONEYWELL ENGINES & SYS.	PHX	161
34	AZD982400889	WEISER LOCK CO	TUCSON	160
35	AZD982503385	DYNACO CORP	TEMPE	142
36	AZD983583048	QUALITY PRINTED CIRCUITS	PHX	141
37	AZD980735179	ISOLA LAMINATE SYSTEMS	CHANDLER	138
38	AZR000002394	MGC CHEMICALS AMERICA, INC.	MESA	138
39	AZD091235457	INTEL CORP/CHANDLER CAMPUS	CHANDLER	132
40	AZD041458555	MC CULLOCH CORP	LAKE HAVASU CITY	121
41	AZT050010180	ONYX ENV. SVC.	PHX	118
42	AZD981648892	CITY OF PHX - DEER VALLEY WTP	PHX	118
43	AZT000624445	SOUTH BAY CIRCUITS, INC.	CHANDLER	117
44	AZD008394454	BURR-BROWN CORP	TUCSON	108
45	AZD000819615	UNIVERSITY OF AZ	TUCSON	85
46	AZD981988967	MASTERCRAFT CABINETS, INC.	MESA	81
47	AZD041456872	TREFFERS PRECISION, INC.	PHX	80
48	AZD981667686	MICROCHIP TECHNOLOGY INC.	TEMPE	76
49	AZD082890799	LITTON ELECTRO OPTICAL SYS	TEMPE	71
50	AZR000003426	NAFTA ENVIRONMENTAL INC	SOMERTON	67
Total				46,003

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

ARIZONA

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 9
- 16 Quantity of RCRA Hazardous Waste Received: 10,179 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	AZD009015389	ROMIC ENVIRONMENTAL TECHNOLOGIES	CHANDLER	5,497
2	AZD049318009	SAFETY KLEEN S.W	PHX	2,485
3	AZD981969504	SAFETY-KLEEN SYSTEMS, INC.	CHANDLER	968
4	AZD081705402	HERITAGE ENVIRONMENTAL SVC, LLC	COOLIDGE	791
5	AZD980892897	SAFETY KLEEN SYS-TUCSON	TUCSON	304
6	AZT050010180	ONYX ENV. SVC.	PHX	126
7	AZD000819615	UNIVERSITY OF AZ	TUCSON	6
8	AZ4570024055	DAVIS-MONTHAN AFB	DMAFB	1
9	AZ4572190029	DRMO LUKE	GLENDALE	0
Total				10,179

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

ARIZONA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	74	1.2	1	33.3
SOLVENTS RECOVERY	M021-M029	1,289	21.7	2	66.7
INCINERATION	M041-M049	542	9.1	1	33.3
ENERGY RECOVERY	M051-M059	3,438	58.0	2	66.7
FUEL BLENDING	M061	336	5.7	2	66.7
STABILIZATION	M111-M119	94	1.6	2	66.7
LAND TREATMENT / APPLICATION / FARMING	M131	12	0.2	1	33.3
LANDFILL	M132	144	2.4	1	33.3
		5,929	100.0	3	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	3,438	58.0	2	66.7
SOLVENTS RECOVERY	M021-M029	1,289	21.7	2	66.7
INCINERATION	M041-M049	542	9.1	1	33.3
FUEL BLENDING	M061	336	5.7	2	66.7
LANDFILL	M132	144	2.4	1	33.3
STABILIZATION	M111-M119	94	1.6	2	66.7
METALS RECOVERY	M011-M019	74	1.2	1	33.3
LAND TREATMENT / APPLICATION / FARMING	M131	12	0.2	1	33.3
		5,929	100.0	3	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	1,289	21.7	2	66.7
ENERGY RECOVERY	M051-M059	3,438	58.0	2	66.7
FUEL BLENDING	M061	336	5.7	2	66.7
STABILIZATION	M111-M119	94	1.6	2	66.7
METALS RECOVERY	M011-M019	74	1.2	1	33.3
INCINERATION	M041-M049	542	9.1	1	33.3
LAND TREATMENT / APPLICATION / FARMING	M131	12	0.2	1	33.3
LANDFILL	M132	144	2.4	1	33.3
		5,929	100.0	3	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

ARIZONA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 4,219 Tons

22 Quantity of RCRA Hazardous Waste Exported: 41,949 Tons

ARKANSAS

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 241
- 2 Quantity of RCRA Hazardous Waste Generated: 970,995 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	ARD043195429	GREAT LAKES CHEMICAL CORP	EL DORADO	501,205
2	ARD006354161	REYNOLDS METALS COMPANY GUM SPRINGS PLAN	ARKADELPHIA	176,627
3	ARD981057870	RINECO	BENTON	85,157
4	ARD981908890	NUCOR-YAMATO STEEL COMPANY	BLYTHEVILLE	52,836
5	ARD983278243	NUCOR STEEL-ARKANSAS	BLYTHEVILLE	47,745
6	ARD069748192	ENSCO INC	EL DORADO	27,212
7	ARD052528809	ALBEMARLE CORPORATION SOUTH PLANT	MAGNOLIA	21,264
8	ARD089234884	EASTMAN CHEMICAL CO ARKANSAS EASTMAN	BATESVILLE	18,372
9	ARD053730701	QUANEX MACSTEEL DIVISION	FORT SMITH	6,806
10	ARD093792067	CIBA SPECIALTY CHEMICALS	WEST MEMPHIS	4,558
11	ARD077389393	SLOAN VALVE COMPANY	AUGUSTA	3,659
12	ARD091691261	ARKANSAS STEEL ASSOCIATES	NEWPORT	3,240
13	ARD983287889	GARRISON INDUSTRIES INC	EL DORADO	2,008
14	ARD990660649	CEDAR CHEMICAL CORP	HELENA	1,846
15	ARD982558561	ALBEMARLE CORPORATION WEST PLANT	MAGNOLIA	1,388
16	ARD007240716	AMERON-PROTECTIVE COATINGS GROUP	LITTLE ROCK	1,363
17	ARD983267600	TOKUSEN USA INC	CONWAT	1,192
18	ARD000022186	GREAT LAKES CHEMICAL CORPORATION (SOUTH)	EL DORADO	859
19	ARD000709584	SUPERIOR INDUSTRIES INTL INC	FAYETTEVILLE	858
20	ARD000021998	LION OIL COMPANY	EL DORADO	746
21	ARD092923184	THE BRYCE COMPANY LLC	SEARCY	539
22	ARD981512270	ASH GROVE CEMENT COMPANY	FOREMAN	496
23	ARD077395283	COSMAIR COSMETICS CORPORATION	NORTH LITTLE ROCK	465
24	ARD983272485	TREFILARBED ARKANSAS INC.	PINE BLUFF	446
25	ARD983274143	WAL-MART RETURN CENTER	BENTONVILLE	437
26	ARD139607048	CYRO INDUSTRIES	OSCEOLA	431
27	ARD044484780	DANAHER TOOL GROUP SPRINGDALE	SPRINGDALE	428
28	ARD982558595	ARKANSAS GALVANIZING INC	PRAIRIE GROVE	401
29	ARD006344972	BALL METAL FOOD CONTAINER CORP	SPRINGDALE	332
30	ARD059634659	LILLY INDUSTRIES INC	LITTLE ROCK	332
31	ARD000064311	REMINGTON ARMS	LONOKE	294
32	ARD059637710	VIRCO MANUFACTURING CORPORATION	CONWAY	281
33	ARD983273590	CRANE KEMLITE	JONESBORO	271
34	ARD980867642	S R OF ARKANSAS	WILSON	265
35	ARD007028913	MUELLER COPPER TUBE PRODUCTS	WYNNE	250
36	ARD000006536	RAPID ROBERTS INC	EUREKA SPRINGS	249
37	ARD042755389	WHIRLPOOL CORP-FT SMITH	FORT SMITH	242
38	ARD067671313	WEYERHAEUSER WOOD TREATING PLANT	DEQUEEN	233
39	ARD000885889	INSPEC FOAMS INC MAGNOLIA AR PLANT	MAGNOLIA	226
40	ARD006344824	KOPPERS INDUSTRIES	NORTH LITTLE ROCK	203
41	ARD065320293	TIFFANY INDUSTRIES	CONWAY	172
42	ARD062145388	NESTE POLYESTER INC	FORT SMITH	157
43	ARD000388983	KOHLER COMPANY	SHERIDAN	149
44	ARD983266487	ASPEN AVIATION	MENA	143
45	ARD980877666	MOLEX INC	MAUMELLE	138
46	ARD021344700	AMTRAN CORPORATION	CONWAY	131
47	ARD990869737	CROSS OIL REFINING & MARKETING INC	SMACKOVER	127
48	ARD983274770	MID-AMERICA DISTILLATIONS INC	HOT SPRINGS	126
49	ARD038882676	KAWNEER COMPANY INC	SPRINGDALE	120
50	ARR000000083	AMERIMAX COATED PRODUCTS	HELENA	111
Total				967,135

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

ARKANSAS

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	7,062	ONLY AN F CODE	2,938		
ONLY CORROSIVE	1,627	ONLY A K CODE	288,151		
ONLY REACTIVE	17	ONLY A P CODE	5		
ONLY D004-17	33,234	ONLY A U CODE	76		
ONLY D018-43	2,982				
HAS MORE THAN ONE CHARACTERISTIC CODE	105,377	HAS MORE THAN ONE LISTED CODE	501,148		
TOTAL	150,300	TOTAL	792,316	Both Characteristic and Listed	28,379

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	87,346			IGN. W/ AT LEAST 1 LSTD	26,402
HAS CORROSIVE CODE	43,385			CORR. W/ AT LEAST 1 LSTD	916
HAS REACTIVE CODE	35,628			REACT. W/ AT LEAST 1 LSTD	254
HAS D004-D017 CODE	86,692			D004-17 W/ AT LEAST 1 LSTD	2,047
HAS D018-D043 CODE	4,844			D018-43 W/ AT LEAST 1 LSTD	17,193
		HAS AN F CODE	501,148	F WASTE W/ AT LEAST 1 CHAR	27,876
		HAS A K CODE	501,146	K WASTE W/ AT LEAST 1 CHAR	252
		HAS A P CODE	1	P WASTE W/ AT LEAST 1 CHAR	112
		HAS A U CODE	501,146	U WASTE W/ AT LEAST 1 CHAR	360
TOTAL	105,377	TOTAL	501,148	TOTAL	28,379

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

ARKANSAS

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 35

7 Quantity of RCRA Hazardous Waste Managed: 977,784 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	ARD043195429	GREAT LAKES CHEMICAL CORP	EL DORADO	500,000
2	ARD006354161	REYNOLDS METALS COMPANY GUM SPRINGS	PLANAR	240,501
3	ARD981057870	RINECO	BENTON	80,678
4	ARD981512270	ASH GROVE CEMENT COMPANY	FOREMAN	73,221
5	ARD069748192	ENSCO INC	EL DORADO	43,704
6	ARD089234884	EASTMAN CHEMICAL CO ARKANSAS EASTMAN	BATESVILLE	22,826
7	ARD052528809	ALBEMARLE CORPORATION SOUTH PLANT	MAGNOLIA	16,703
8	ARD042755389	WHIRLPOOL CORP-FT SMITH	FORT SMITH	86
9	ARD046142956	RANGER BOATS/WOOD MFG CO INC	FLIPPIN	48
10	ARD006355341	VICKERS INC	SEARCY	13
11	ARD096676143	LABARGE INC	HUNTSVILLE	2
12	ARD981158405	UNIVERSITY OF ARK FOR MEDICAL SCIENCES	LITTLE ROCK	1
13	ARD000006924	AHTD BRIDGE 2982 BROADWAY BR RAMPS	LITTLE ROCK	0
Total				977,784

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

ARKANSAS

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	372	0.0	1	7.7
SOLVENTS RECOVERY	M021-M029	150	0.0	5	38.5
INCINERATION	M041-M049	110,858	11.3	3	23.1
ENERGY RECOVERY	M051-M059	92,784	9.5	3	23.1
FUEL BLENDING	M061	80,678	8.3	1	7.7
STABILIZATION	M111-M119	0	0.0	1	7.7
LANDFILL	M132	176,238	18.0	1	7.7
DEEPWELL / UNDERGROUND INJECTION	M134	516,703	52.8	2	15.4
		977,784	100.0	13	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
DEEPWELL / UNDERGROUND INJECTION	M134	516,703	52.8	2	15.4
LANDFILL	M132	176,238	18.0	1	7.7
INCINERATION	M041-M049	110,858	11.3	3	23.1
ENERGY RECOVERY	M051-M059	92,784	9.5	3	23.1
FUEL BLENDING	M061	80,678	8.3	1	7.7
METALS RECOVERY	M011-M019	372	0.0	1	7.7
SOLVENTS RECOVERY	M021-M029	150	0.0	5	38.5
STABILIZATION	M111-M119	0	0.0	1	7.7
		977,784	100.0	13	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	150	0.0	5	38.5
INCINERATION	M041-M049	110,858	11.3	3	23.1
ENERGY RECOVERY	M051-M059	92,784	9.5	3	23.1
DEEPWELL / UNDERGROUND INJECTION	M134	516,703	52.8	2	15.4
METALS RECOVERY	M011-M019	372	0.0	1	7.7
FUEL BLENDING	M061	80,678	8.3	1	7.7
STABILIZATION	M111-M119	0	0.0	1	7.7
LANDFILL	M132	176,238	18.0	1	7.7
		977,784	100.0	13	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

ARKANSAS

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 232

13 Quantity of RCRA Hazardous Waste Shipped: 246,284 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	ARD981057870	RINECO	BENTON	85,155
2	ARD983278243	NUCOR STEEL-ARKANSAS	BLYTHEVILLE	47,745
3	ARD981908890	NUCOR-YAMATO STEEL COMPANY	BLYTHEVILLE	40,573
4	ARD069748192	ENSCO INC	EL DORADO	29,756
5	ARD053730701	QUANEX MACSTEEL DIVISION	FORT SMITH	6,806
6	ARD052528809	ALBEMARLE CORPORATION SOUTH PLANT	MAGNOLIA	4,554
7	ARD093792067	CIBA SPECIALTY CHEMICALS	WEST MEMPHIS	4,498
8	ARD091691261	ARKANSAS STEEL ASSOCIATES	NEWPORT	3,240
9	ARD983287889	GARRISON INDUSTRIES INC	EL DORADO	2,008
10	ARD990660649	CEDAR CHEMICAL CORP	HELENA	1,846
11	ARD982558561	ALBEMARLE CORPORATION WEST PLANT	MAGNOLIA	1,406
12	ARD007240716	AMERON-PROTECTIVE COATINGS GROUP	LITTLE ROCK	1,363
13	ARD043195429	GREAT LAKES CHEMICAL CORP	EL DORADO	1,205
14	ARD000709584	SUPERIOR INDUSTRIES INTL INC	FAYETTEVILLE	857
15	ARD000022186	GREAT LAKES CHEMICAL CORPORATION (SOUTH)	EL DORADO	851
16	ARD054575238	SAFETY-KLEEN SYSTEMS INC	LITTLE ROCK	838
17	ARD000021998	LION OIL COMPANY	EL DORADO	805
18	ARD983267600	TOKUSEN USA INC	CONWAT	804
19	ARD092923184	THE BRYCE COMPANY LLC	SEARCY	529
20	ARD983272485	TREFILARBED ARKANSAS INC.	PINE BLUFF	456
21	ARD139607048	CYRO INDUSTRIES	OSCEOLA	451
22	ARD983274143	WAL-MART RETURN CENTER	BENTONVILLE	437
23	ARD981512270	ASH GROVE CEMENT COMPANY	FOREMAN	434
24	ARD044484780	DANAHER TOOL GROUP SPRINGDALE	SPRINGDALE	428
25	ARD982558595	ARKANSAS GALVANIZING INC	PRAIRIE GROVE	395
26	ARD077395283	COSMAIR COSMETICS CORPORATION	NORTH LITTLE ROCK	357
27	ARD006344972	BALL METAL FOOD CONTAINER CORP	SPRINGDALE	332
28	ARD059634659	LILLY INDUSTRIES INC	LITTLE ROCK	331
29	ARD007028913	MUELLER COPPER TUBE PRODUCTS	WYNNE	328
30	AR0000064311	REMINGTON ARMS	LONOKE	294
31	ARD059637710	VIRCO MANUFACTURING CORPORATION	CONWAY	281
32	ARD980867642	S R OF ARKANSAS	WILSON	259
33	ARD000006536	RAPID ROBERTS INC	EUREKA SPRINGS	249
34	ARD067671313	WEYERHAEUSER WOOD TREATING PLANT	DEQUEEN	233
35	AR0000885889	INSPEC FOAMS INC MAGNOLIA AR PLANT	MAGNOLIA	226
36	ARD089234884	EASTMAN CHEMICAL CO ARKANSAS EASTMAN	BATESVILLE	196
37	ARD006344824	KOPPERS INDUSTRIES	NORTH LITTLE ROCK	180
38	ARD065320293	TIFFANY INDUSTRIES	CONWAY	172
39	ARD000388983	KOHLER COMPANY	SHERIDAN	155
40	ARD990869737	CROSS OIL REFINING & MARKETING INC	SMACKOVER	151
41	ARD980877666	MOLEX INC	MAUMELLE	147
42	ARD983266487	ASPEN AVIATION	MENA	143
43	ARD983273590	CRANE KEMLITE	JONESBORO	139
44	ARD021344700	AMTRAN CORPORATION	CONWAY	138
45	ARD062145388	NESTE POLYESTER INC	FORT SMITH	137
46	ARR000004077	AMERICAN FREIGHTWAYS CHEMICAL MANAGEMEN	LITTLE ROCK	136
47	ARD042755389	WHIRLPOOL CORP-FT SMITH	FORT SMITH	133
48	ARD983274770	MID-AMERICA DISTILLATIONS INC	HOT SPRINGS	127
49	ARD038882676	KAWNEER COMPANY INC	SPRINGDALE	126
50	ARR000000083	AMERIMAX COATED PRODUCTS	HELENA	117
Total				242,528

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

ARKANSAS

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 6
- 16 Quantity of RCRA Hazardous Waste Received: 266,534 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	ARD981057870	RINECO	BENTON	80,678
2	ARD981512270	ASH GROVE CEMENT COMPANY	FOREMAN	73,159
3	ARD006354161	REYNOLDS METALS COMPANY GUM SPRINGS PLAN	ARKADELPHIA	63,891
4	ARD069748192	ENSCO INC	EL DORADO	43,524
5	ARD089234884	EASTMAN CHEMICAL CO ARKANSAS EASTMAN	BATESVILLE	4,638
6	ARD054575238	SAFETY-KLEEN SYSTEMS INC	LITTLE ROCK	644
Total				266,534

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

ARKANSAS

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	105,485	39.8	2	40.0
ENERGY RECOVERY	M051-M059	78,981	29.8	3	60.0
FUEL BLENDING	M061	80,678	30.4	1	20.0
		265,144	100.0	5	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	105,485	39.8	2	40.0
FUEL BLENDING	M061	80,678	30.4	1	20.0
ENERGY RECOVERY	M051-M059	78,981	29.8	3	60.0
		265,144	100.0	5	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	78,981	29.8	3	60.0
INCINERATION	M041-M049	105,485	39.8	2	40.0
FUEL BLENDING	M061	80,678	30.4	1	20.0
		265,144	100.0	5	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

ARKANSAS

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 225,089 Tons

22 Quantity of RCRA Hazardous Waste Exported: 207,408 Tons

CALIFORNIA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 1,850
- 2 Quantity of RCRA Hazardous Waste Generated: 427,302 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	CAD008488025	PHIBRO-TECH, INC.	SANTA FE SPRINGS	71,999
2	CAT080033681	D/K ENVIRONMENTAL	VERNON	26,228
3	CAD095615027	LOS ANGELES COUNTY/USC MED, CENTER	LOS ANGELES	20,544
4	CAD066233966	QUEMETCO INC.	CITY OF INDUSTRY	19,343
5	CAD059494310	SAFETY-KLEEN (SAN JOSE), INC.	SAN JOSE	18,132
6	CAD009452657	ROMIC ENVIRONMENTAL TECHNOLOGIES CORP.	EAST PALO ALTO	16,086
7	CAD009164021	MARTINEZ REFINING COMPANY	MARTINEZ	13,865
8	CAD088504881	KINSBURSKY BROTHERS	ANAHEIM	12,332
9	CAD097854541	GNB TECHNOLOGIES INC.	VERNON	9,936
10	CAD982361404	TAMCO	RANCHO CUCAMONGA	9,836
11	CAT000617407	HERCULES LLC	HERCULES	7,216
12	CAD044429835	ENSCO WEST, INC.	WILMINGTON	7,198
13	CAD050806850	SAFETY-KLEEN (LOS ANGELES)	LOS ANGELES	7,127
14	CAD982520421	HADCO SANTA CLARA, INC.	SANTA CLARA	6,712
15	CAD009680232	GRAPHIC RESEARCH, LLC	CHATSWORTH	6,344
16	CAR000069153	AEROJET FINE CHEMICALS	RANCHO CORDOVA	6,006
17	CAD009108705	SAN FRANCISCO AREA REFINERY AT RODEO	RODEO	4,355
18	CA1170090210	NWS SEAL BEACH, FALLBROOK DETACHMENT	FALLBROOK	3,780
19	CA5210020843	SIERRA ARMY DEPOT	HERLONG	3,295
20	CAD080079601	IMATION CORP	CAMARILLO	2,910
21	CAD093459485	SFTY KLEEN SYSTMS, INC REEDLEY RCYCL CTR	REEDLEY	2,891
22	CA0000010827	CATAYTICA BAY VIEW INC	EAST PALO ALTO	2,799
23	CAT080013352	DEMENNO/KERDOON	COMPTON	2,576
24	CAD981161870	STRINGFELLOW HAZARDOUS WASTE SITE	RIVERSIDE	2,286
25	CAD076528678	DOW CHEMICAL COMPANY	PITTSBURG	2,223
26	CA7170024775	CSO MARE ISLAND EFA WEST	VALLEJO	2,205
27	CAD079532990	GREAT LAKES CHEMICAL CORPORATION	IRVINE	2,174
28	CAD041319294	UNITED AIRLINES MAINTENANCE OPS CTR	SAN FRANCISCO	2,061
29	CAD008371437	CONEXANT SYSTEMS, INC	NEWPORT BECH	2,051
30	CAD982023988	GOLDEN GATE BRIDGE	SAN FRANCISCO	2,007
31	CAD982029969	MODESTO ENERGY LIMITED PARTNERSHIP	WESTLEY	1,973
32	CA2170023152	NAVAL AIR WEAPONS STATION CHINA LAKE	CHINA LAKE	1,938
33	CAD008323388	JOHNSON CONTROLS BATTERY	FULLERTON	1,671
34	CAD008323396	DELPHI AUTOMOTIVE SYSTEMS	ANAHEIM	1,587
35	CAD000051433	NEW UNITED MOTOR MANUFACTURING, INC.	FREMONT	1,471
36	CAD021774559	AMERICAN BRASS & IRON FOUNDRY	OAKLAND	1,443
37	CAD008364432	RHO-CHEM CORPORATION	INGLEWOOD	1,431
38	CAD990845513	GKN AEROSPACE CHEM-TRONICS, INC	EL CAJON	1,387
39	CA7170090016	NAVAL AIR STATION, N ISLAND (BLDG 1096)	SAN DIEGO	1,345
40	CA6170024289	NAVAL STATION, SAN DIEGO (BLDG 3458)	SAN DIEGO	1,324
41	CAD076180843	MCWHORTER TECHNOLOGIES	LYNWOOD	1,240
42	CAD000072751	SAN FRANCISCO AREA REFINERY AT AVON	MARTINEZ	1,226
43	CAD982412165	TOPPAN ELECTRONICS, INC.	SAN DIEGO	1,214
44	CA3570024551	CASTLE AIR FORCE BAS	ATWATER	1,195
45	CAD008344285	SANMINA CORPORATION	IRVINE	1,178
46	CAD051707818	MADERA GLASS COMPANY	MADERA	1,177
47	CAD981966179	TROJAN BATTERY COMPANY	SANTA FE SPRINGS	1,161
48	CAD981572803	SANMINA - PLANT #4	MOUNTAIN VIEW	1,158
49	CAD980816466	VISALIA POLE YARD	VASALIA	1,147
50	CAD000030494	AEROJET PROPULSION & ENERGETIC SYSTEMS	RANCHO CORDOVA	1,103
Total				323,884

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

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CALIFORNIA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	16,169	ONLY AN F CODE	24,514		
ONLY CORROSIVE	19,406	ONLY A K CODE	27,505		
ONLY REACTIVE	3,747	ONLY A P CODE	97		
ONLY D004-17	95,038	ONLY A U CODE	2,526		
ONLY D018-43	11,365				
HAS MORE THAN ONE CHARACTERISTIC CODE	129,790	HAS MORE THAN ONE LISTED CODE	653		
TOTAL	275,515	TOTAL	55,296	Both Characteristic and Listed	96,395

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	36,839			IGN. W/ AT LEAST 1 LSTD	73,477
HAS CORROSIVE CODE	111,513			CORR. W/ AT LEAST 1 LSTD	35,502
HAS REACTIVE CODE	803			REACT. W/ AT LEAST 1 LSTD	21,761
HAS D004-D017 CODE	101,056			D004-17 W/ AT LEAST 1 LSTD	70,852
HAS D018-D043 CODE	15,320			D018-43 W/ AT LEAST 1 LSTD	60,953
		HAS AN F CODE	620	F WASTE W/ AT LEAST 1 CHAR	92,922
		HAS A K CODE	357	K WASTE W/ AT LEAST 1 CHAR	15,455
		HAS A P CODE	30	P WASTE W/ AT LEAST 1 CHAR	9,527
		HAS A U CODE	300	U WASTE W/ AT LEAST 1 CHAR	44,263
TOTAL	129,790	TOTAL	653	TOTAL	96,395

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

CALIFORNIA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 144

7 Quantity of RCRA Hazardous Waste Managed: 400,559 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	CAD066233966	QUEMETCO INC.	CITY OF INDUSTRY	127,628
2	CAT000646117	CHEMICAL WASTE MANAGEMENT, INC.	KETTLEMAN CITY	86,086
3	CAD008488025	PHIBRO-TECH, INC.	SANTA FE SPRINGS	71,466
4	CAD980675276	SAFETY-KLEEN (BUTTONWILLOW) , INC.	BUTTONWILLOW	19,532
5	CAD009452657	ROMIC ENVIRONMENTAL TECHNOLOGIES CORP.	EAST PALO ALTO	19,455
6	CAD009164021	MARTINEZ REFINING COMPANY	MARTINEZ	12,731
7	CAD000633164	SAFETY-KLEEN (WESTMORLAND), INC.	WESTMORLAND	11,654
8	CAD008252405	PACIFIC RESOURCE RECOVERY	LOS ANGELES	11,235
9	CAD008302903	ONYX ENVIRONMENTAL SERVICES LLC	AZUSA	8,025
10	CAD097854541	GNB TECHNOLOGIES INC.	VERNON	4,913
11	CAT080013352	DEMENNO/KERDOON	COMPTON	4,158
12	CAD980881676	TOSCO LOS ANGELES REFINERY - CARSON	CARSON	3,321
13	CA5210020843	SIERRA ARMY DEPOT	HERLONG	3,289
14	CAD009108705	SAN FRANCISCO AREA REFINERY AT RODEO	RODEO	3,183
15	CAD088504881	KINSBURSKY BROTHERS	ANAHEIM	2,716
16	CAD059494310	SAFETY-KLEEN (SAN JOSE), INC.	SAN JOSE	1,692
17	CAD008364432	RHO-CHEM CORPORATION	INGLEWOOD	1,448
18	CAD981160948	PHIBRO-TECH, INC.	UNION CITY	1,336
19	CAD093459485	SFTY KLEEN SYSTMS, INC REEDLEY RCYCL CTR	REEDLEY	1,269
20	CAD076528678	DOW CHEMICAL COMPANY	PITTSBURG	1,062
21	CAT080033681	D/K ENVIRONMENTAL	VERNON	1,017
22	CAD982411993	MERCURY TECHNOLOGIES INTERNATIONAL, L.P.	HAYWARD	993
23	CAD983600339	KAISER FOUNDATION HOSPITALS	BERKELEY	954
24	CAD044429835	ENSCO WEST, INC.	WILMINGTON	579
25	CAT000612150	ENGELHARD WEST, INC.	ANAHEIM	246
26	CAD050806850	SAFETY-KLEEN (LOS ANGELES)	LOS ANGELES	176
27	CAD000060012	IT CORPORATION PANOCHE FACILITY	BENICIA	140
28	CAD983665068	DEPRESSURIZED TECHNOLOGIES INTERNATIONAL	MORGAN HILL	102
29	CAD044046274	ASHLAND SPECIALTY CHEMICAL CO.	LOS ANGELES	47
30	CAD089446710	A-AMERICAN ENVIRONMENTAL, LLC	ALHAMBRA	30
31	CAD982484826	UNIVERSAL CIRCUITS INC.	SANTA ANA	27
32	CAD069124717	MICRO METALLICS CORP.	SAN JOSE	26
33	CAD981630205	MSC SPECIALTY FILMS INC.	SAN DIEGO	13
34	CA7170090016	NAVAL AIR STATION, N ISLAND (BLDG 1096)	SAN DIEGO	5
35	CAD982523102	PHOTOTEK	SAN JOSE	2
36	CAD097030993	USFILTER RECOVERY SERVICES (CALIFORNIA),	VERNON	1
37	CAT080022148	DENOVA ENVIRONMENTAL INC	RIALTO	1
38	CAD000633305	MAIN STREET CENTER	LOS ANGELES	1
Total				400,559

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

CALIFORNIA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	209,000	52.2	13	34.2
SOLVENTS RECOVERY	M021-M029	15,249	3.8	8	21.1
OTHER RECOVERY	M031-M039	12,000	3.0	8	21.1
INCINERATION	M041-M049	18,248	4.6	10	26.3
ENERGY RECOVERY	M051-M059	399	0.1	3	7.9
FUEL BLENDING	M061	27,109	6.8	9	23.7
SLUDGE TREATMENT	M101-M109	37	0.0	2	5.3
STABILIZATION	M111-M119	105,341	26.3	8	21.1
LAND TREATMENT / APPLICATION / FARMING	M131	1	0.0	1	2.6
LANDFILL	M132	13,162	3.3	7	18.4
OTHER DISPOSAL	M137	13	0.0	3	7.9
		400,559	100.0	38	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	209,000	52.2	13	34.2
STABILIZATION	M111-M119	105,341	26.3	8	21.1
FUEL BLENDING	M061	27,109	6.8	9	23.7
INCINERATION	M041-M049	18,248	4.6	10	26.3
SOLVENTS RECOVERY	M021-M029	15,249	3.8	8	21.1
LANDFILL	M132	13,162	3.3	7	18.4
OTHER RECOVERY	M031-M039	12,000	3.0	8	21.1
ENERGY RECOVERY	M051-M059	399	0.1	3	7.9
SLUDGE TREATMENT	M101-M109	37	0.0	2	5.3
OTHER DISPOSAL	M137	13	0.0	3	7.9
LAND TREATMENT / APPLICATION / FARMING	M131	1	0.0	1	2.6
		400,559	100.0	38	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	209,000	52.2	13	34.2
INCINERATION	M041-M049	18,248	4.6	10	26.3
FUEL BLENDING	M061	27,109	6.8	9	23.7
SOLVENTS RECOVERY	M021-M029	15,249	3.8	8	21.1
OTHER RECOVERY	M031-M039	12,000	3.0	8	21.1
STABILIZATION	M111-M119	105,341	26.3	8	21.1
LANDFILL	M132	13,162	3.3	7	18.4
ENERGY RECOVERY	M051-M059	399	0.1	3	7.9
OTHER DISPOSAL	M137	13	0.0	3	7.9
SLUDGE TREATMENT	M101-M109	37	0.0	2	5.3
LAND TREATMENT / APPLICATION / FARMING	M131	1	0.0	1	2.6
		400,559	100.0	38	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

CALIFORNIA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 1,662

13 Quantity of RCRA Hazardous Waste Shipped: 381,776 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	CAT080033681	D/K ENVIRONMENTAL	VERNON	38,581
2	CAD095615027	LOS ANGELES COUNTY/USC MED, CENTER	LOS ANGELES	20,544
3	CAD008302903	ONYX ENVIRONMENTAL SERVICES LLC	AZUSA	18,787
4	CAD066233966	QUEMETCO INC.	CITY OF INDUSTRY	18,728
5	CAD059494310	SAFETY-KLEEN (SAN JOSE), INC.	SAN JOSE	18,132
6	CAD009452657	ROMIC ENVIRONMENTAL TECHNOLOGIES CORP.	EAST PALO ALTO	18,017
7	CAD088504881	KINSBURSKY BROTHERS	ANAHEIM	12,308
8	CAD097854541	GNB TECHNOLOGIES INC.	VERNON	10,600
9	CAD982361404	TAMCO	RANCHO CUCAMONGA	9,836
10	CAD008252405	PACIFIC RESOURCE RECOVERY	LOS ANGELES	9,006
11	CAD044429835	ENSCO WEST, INC.	WILMINGTON	7,198
12	CAD050806850	SAFETY-KLEEN (LOS ANGELES)	LOS ANGELES	7,127
13	CAD982520421	HADCO SANTA CLARA, INC.	SANTA CLARA	6,712
14	CAR000069153	AEROJET FINE CHEMICALS	RANCHO CORDOVA	5,953
15	CAT000613976	SAFETY-KLEEN SYSTEMS, INC.--SANTA ANA	SANTA ANA	3,825
16	CA1170090210	NWS SEAL BEACH, FALLBROOK DETACHMENT	FALLBROOK	3,779
17	CAD008488025	PHIBRO-TECH, INC.	SANTA FE SPRINGS	3,537
18	CAD008364432	RHO-CHEM CORPORATION	INGLEWOOD	3,478
19	CAD981412356	PACIFIC TREATMENT ENVIRONMENTAL SERVICES	EL CAJON	3,266
20	CAD093459485	SFTY KLEEN SYSTMS, INC REEDLEY RCYCL CTR	REEDLEY	2,891
21	CA0000010827	CATAYTICA BAY VIEW INC	EAST PALO ALTO	2,814
22	CA0000084517	SAFETY-KLEEN SYSTEMS, INC.-SACRAMENTO	SACRAMENTO	2,700
23	CAT080013352	DEMENNO/KERDOON	COMPTON	2,576
24	CAD981161870	STRINGFELLOW HAZARDOUS WASTE SITE	RIVERSIDE	2,286
25	CA7170024775	CSO MARE ISLAND EFA WEST	VALLEJO	2,205
26	CAD079532990	GREAT LAKES CHEMICAL CORPORATION	IRVINE	2,174
27	CAD041319294	UNITED AIRLINES MAINTENANCE OPS CTR	SAN FRANCISCO	2,061
28	CAD008371437	CONEXANT SYSTEMS, INC	NEWPORT BECH	2,051
29	CAD982023988	GOLDEN GATE BRIDGE	SAN FRANCISCO	2,007
30	CAD982029969	MODESTO ENERGY LIMITED PARTNERSHIP	WESTLEY	1,973
31	CAT080014079	ONYX ENVIRONMENTAL SERVICES, L.L.C.	RICHMOND	1,962
32	CAD081153785	J.C. CARTER CO.	COSTA MESA	1,960
33	CA2170023152	NAVAL AIR WEAPONS STATION CHINA LAKE	CHINA LAKE	1,938
34	CAD053044053	SAFETY-KLEEN SYSTEMS, INC.--OAKLAND	OAKLAND	1,713
35	CAD008323388	JOHNSON CONTROLS BATTERY	FULLERTON	1,671
36	CAD008323396	DELPHI AUTOMOTIVE SYSTEMS	ANAHEIM	1,587
37	CAD000051433	NEW UNITED MOTOR MANUFACTURING, INC.	FREMONT	1,471
38	CAT000613893	SAFETY-KLEEN SYSTEMS, INC.-EL MONTE	EL MONTE	1,464
39	CAD990845513	GKN AEROSPACE CHEM-TRONICS, INC	EL CAJON	1,388
40	CA7170090016	NAVAL AIR STATION, N ISLAND (BLDG 1096)	SAN DIEGO	1,340
41	CA6170024289	NAVAL STATION, SAN DIEGO (BLDG 3458)	SAN DIEGO	1,324
42	CAD070635669	LONZA INC.	LOS ANGELES	1,282
43	CAD000088252	STATEWIDE ENV SERV	LOS ANGELES	1,248
44	CAD076180843	MCWHORTER TECHNOLOGIES	LYNWOOD	1,240
45	CAD981160948	PHIBRO-TECH, INC.	UNION CITY	1,223
46	CAD982412165	TOPPAN ELECTRONICS, INC.	SAN DIEGO	1,214
47	CA3570024551	CASTLE AIR FORCE BAS	ATWATER	1,195
48	CAD051707818	MADERA GLASS COMPANY	MADERA	1,177
49	CAD009108705	SAN FRANCISCO AREA REFINERY AT RODEO	RODEO	1,173
50	CAD076528678	DOW CHEMICAL COMPANY	PITTSBURG	1,161
Total				273,882

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

CALIFORNIA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 51

16 Quantity of RCRA Hazardous Waste Received: 388,329 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	CAD066233966	QUEMETCO INC.	CITY OF INDUSTRY	127,628
2	CAT000646117	CHEMICAL WASTE MANAGEMENT, INC.	KETTLEMAN CITY	85,971
3	CAT080033681	D/K ENVIRONMENTAL	VERNON	35,513
4	CAD0009452657	ROMIC ENVIRONMENTAL TECHNOLOGIES CORP.	EAST PALO ALTO	21,649
5	CAD980675276	SAFETY-KLEEN (BUTTONWILLOW) , INC.	BUTTONWILLOW	20,019
6	CAD093459485	SFTY KLEEN SYSTMS, INC REEDLEY RCYCL CTR	REEDLEY	12,723
7	CAD000633164	SAFETY-KLEEN (WESTMORLAND), INC.	WESTMORLAND	11,654
8	CAD008302903	ONYX ENVIRONMENTAL SERVICES LLC	AZUSA	10,783
9	CAD008252405	PACIFIC RESOURCE RECOVERY	LOS ANGELES	10,346
10	CAD050806850	SAFETY-KLEEN (LOS ANGELES)	LOS ANGELES	5,228
11	CAD097854541	GNB TECHNOLOGIES INC.	VERNON	4,913
12	CAT080013352	DEMENNO/KERDOON	COMPTON	4,158
13	CAD059494310	SAFETY-KLEEN (SAN JOSE), INC.	SAN JOSE	3,894
14	CAD088504881	KINSBURSKY BROTHERS	ANAHEIM	3,410
15	CAD008364432	RHO-CHEM CORPORATION	INGLEWOOD	3,346
16	CAD980881676	TOSCO LOS ANGELES REFINERY - CARSON	CARSON	3,321
17	CAT000613976	SAFETY-KLEEN SYSTEMS, INC.--SANTA ANA	SANTA ANA	3,217
18	CAD008488025	PHIBRO-TECH, INC.	SANTA FE SPRINGS	3,029
19	CAD044429835	ENSCO WEST, INC.	WILMINGTON	2,915
20	CA0000084517	SAFETY-KLEEN SYSTEMS, INC.-SACRAMENTO	SACRAMENTO	2,056
21	CAT080014079	ONYX ENVIRONMENTAL SERVICES, L.L.C.	RICHMOND	2,024
22	CAD053044053	SAFETY-KLEEN SYSTEMS, INC.--OAKLAND	OAKLAND	1,516
23	CAD981160948	PHIBRO-TECH, INC.	UNION CITY	1,336
24	CAT000613893	SAFETY-KLEEN SYSTEMS, INC.-EL MONTE	EL MONTE	1,239
25	CAD000088252	STATEWIDE ENV SERV	LOS ANGELES	1,079
26	CAD982411993	MERCURY TECHNOLOGIES INTERNATIONAL, L.P.	HAYWARD	1,002
27	CAD066113465	SAFETY-KLEEN SYSTEMS, INC.--FRESNO	FRESNO	848
28	CAT000613943	SAFETY-KLEEN SYSTEMS, INC.-ROHNERT PK	ROHNERT PARK	818
29	CAD983600339	KAISER FOUNDATION HOSPITALS	BERKELEY	615
30	CAT000613968	SAFETY-KLEEN SYSTEMS, INC.-SALIDA	SALIDA	459
31	CAD028409019	CROSBY & OVERTON, INC.	LONG BEACH	439
32	CAT080022148	DENOVA ENVIRONMENTAL INC	RIALTO	385
33	CAD980887418	EVERGREEN OIL, INC.	NEWARK	195
34	CAD983665068	DEPRESSURIZED TECHNOLOGIES INTERNATIONAL	MORGAN HILL	102
35	CAT000612150	ENGELHARD WEST, INC.	ANAHEIM	87
36	CAT000613927	SAFETY-KLEEN SYSTEMS, INC. SAN BERNARDIN	HIGHLAND	68
37	CA6170024289	NAVAL STATION, SAN DIEGO (BLDG 3458)	SAN DIEGO	62
38	CAD020161642	DETREX CORPORATION	LOS ANGELES	49
39	CA7170090016	NAVAL AIR STATION, N ISLAND (BLDG 1096)	SAN DIEGO	43
40	CAD089446710	A-AMERICAN ENVIRONMENTAL, LLC	ALHAMBRA	34
41	CAD060897063	HUGHES SPACE AND COMMUNICATIONS COMPANY	EL SEGUNDO	29
42	CAT000625137	STHRN CAL GAS CO PICO RIVERA STORAGE FA	PICO RIVERA	29
43	CAD069124717	MICRO METALLICS CORP.	SAN JOSE	26
44	CAD000633230	RAYTHEON COMPANY, ELECTRONIC SYSTEMS	EL SEGUNDO	25
45	CAT000613935	SAFETY-KLEEN SYSTEMS, INC.--LOS ANGELES	LOS ANGELES	22
46	CA5210020843	SIERRA ARMY DEPOT	HERLONG	20
47	CAD000633305	MAIN STREET CENTER	LOS ANGELES	3
48	CAD981168107	MIRAMAR	SAN DIEGO	3
49	CAD980636682	KEARNY	SAN DIEGO	2
50	CAD990843989	IBM CORPORATION	SAN JOSE	1

Total

388,329

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

CALIFORNIA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	140,350	45.4	11	39.3
SOLVENTS RECOVERY	M021-M029	13,186	4.3	7	25.0
OTHER RECOVERY	M031-M039	8,477	2.7	5	17.9
INCINERATION	M041-M049	1,139	0.4	7	25.0
ENERGY RECOVERY	M051-M059	399	0.1	3	10.7
FUEL BLENDING	M061	27,109	8.8	9	32.1
SLUDGE TREATMENT	M101-M109	37	0.0	2	7.1
STABILIZATION	M111-M119	105,220	34.1	7	25.0
LAND TREATMENT / APPLICATION / FARMING	M131	1	0.0	1	3.6
LANDFILL	M132	13,022	4.2	6	21.4
OTHER DISPOSAL	M137	13	0.0	3	10.7
		308,953	100.0	28	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	140,350	45.4	11	39.3
STABILIZATION	M111-M119	105,220	34.1	7	25.0
FUEL BLENDING	M061	27,109	8.8	9	32.1
SOLVENTS RECOVERY	M021-M029	13,186	4.3	7	25.0
LANDFILL	M132	13,022	4.2	6	21.4
OTHER RECOVERY	M031-M039	8,477	2.7	5	17.9
INCINERATION	M041-M049	1,139	0.4	7	25.0
ENERGY RECOVERY	M051-M059	399	0.1	3	10.7
SLUDGE TREATMENT	M101-M109	37	0.0	2	7.1
OTHER DISPOSAL	M137	13	0.0	3	10.7
LAND TREATMENT / APPLICATION / FARMING	M131	1	0.0	1	3.6
		308,953	100.0	28	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	140,350	45.4	11	39.3
FUEL BLENDING	M061	27,109	8.8	9	32.1
SOLVENTS RECOVERY	M021-M029	13,186	4.3	7	25.0
INCINERATION	M041-M049	1,139	0.4	7	25.0
STABILIZATION	M111-M119	105,220	34.1	7	25.0
LANDFILL	M132	13,022	4.2	6	21.4
OTHER RECOVERY	M031-M039	8,477	2.7	5	17.9
ENERGY RECOVERY	M051-M059	399	0.1	3	10.7
OTHER DISPOSAL	M137	13	0.0	3	10.7
SLUDGE TREATMENT	M101-M109	37	0.0	2	7.1
LAND TREATMENT / APPLICATION / FARMING	M131	1	0.0	1	3.6
		308,953	100.0	28	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

CALIFORNIA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 161,748 Tons

22 Quantity of RCRA Hazardous Waste Exported: 168,722 Tons

COLORADO

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 163
- 2 Quantity of RCRA Hazardous Waste Generated: 49,190 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	COD007057961	ROCKY MOUNTAIN STEEL MILLS	PUEBLO	15,133
2	COD076470525	ROCHE COLORADO CORPORATION	BOULDER	7,499
3	COD002989101	RJR CIRCUITS, INC.L	DENVER	7,148
4	COD001704790	LOCKHEED MARTIN ASTRONAUTICS	LITTLETON	6,993
5	COD007077175	KOPPERS (BEAZER EAST INC)	DENVER	2,926
6	COD097147987	DDI (DYNAMIC DETAILS, INC.)	COLORADO SPRINGS	605
7	COD000694869	BOULDER SCIENTIFIC COMPANY	MEAD	527
8	COD081474710	ATMEL CORPORATION	COLORADO SPRINGS	383
9	COD078362837	CHEMICAL & METAL INDUSTRIES, INC.	DENVER	361
10	CO7890010526	ROCKY FLATS ENV TECH SITE - US DOE	GOLDEN	356
11	COD005127279	OEA, INC.	AURORA	320
12	COD000109975	COLORADO REFINING CO.-DENVER REFINERY	COMMERCE CITY	271
13	COD980667059	LSI LOGIC	COLORADO SPRINGS	261
14	COD048126726	EAGLE-PICHER TECHNOLOGIES, LLC	COLORADO SPRINGS	258
15	COD058158775	SAE CIRCUITS COLORADO, INC.	BOULDER	242
16	COR000009514	KODAK POLYCHROME GRAPHICS	WINDSOR	240
17	COD007063290	NORTH AMERICAN GALVANIZING CO.	COMMERCE CITY	212
18	COD060627189	CONOCO INC.	COMMERCE CITY	201
19	COD078341658	KODAK COLORADO DIVISION	WINDSOR	191
20	COD983775123	LEXMARK INT'L	LONGMONT	178
21	COD983789850	NAPRO BIOTHERAPEUTICS, INC.	BOULDER	173
22	COD982648727	ANGLO GOLD(COLORADO) CORP.	VICTOR	173
23	COD102545621	GOLDEN ALUMINUM	FORT LUPTON	160
24	COD983777541	HAUSER, INC.	BOULDER	153
25	COR000011957	RIVIERA CASINO - BLACK HAWK CO.	BLACK HAWK	151
26	COR000010108	CHEMREX-DENVER	BRIGHTON	135
27	CO5210020769	ROCKY MTN ARSENAL	COMMERCE CITY	129
28	COD075767681	VAN WATERS & ROGERS, INC.	GRAND JUNCTION	125
29	COD007073901	LINCOLN PLATING COMPANY	DENVER	124
30	COD082657420	SCHLAGE LOCK COMPANY	SECURITY	114
31	COD981547797	MASTERCRAFT CABINETS, INC.	AURORA	113
32	COD007092513	WESTERN FORGE CORPORATION	COLORADO SPRINGS	108
33	COR000008581	AAA PLATING, INC.	DENVER	106
34	COD007057995	HAMILTON SUNDSTRAND	DENVER	104
35	COD039146931	NEOPLAN USA CORP.	LAMAR	92
36	COR000004077	OPTIMA BATTERIES INCORPORATED	AURORA	87
37	COR000008706	DAVID WIRE PUEBLO CORPORATION	PUEBLO	81
38	COD007091879	CENTER LINE CIRCUITS INC.	LONGMONT	79
39	COD007063530	ASARCO INCORPORATED GLOBE PLANT	DENVER	78
40	COD981549413	SAS CIRCUITS INC.	LITTLETON	75
41	COR000006908	VITESSE SEMICONDUCTOR CORPORATION	COLORADO SPRINGS	75
42	COR000013193	HENDERSON HUNTER ED. BLDG.	COMMERCE CITY	73
43	COD981543804	K B P COIL COATERS INC	DENVER	72
44	CO8213820725	PUEBLO CHEMICAL DEPOT (PCD)	PUEBLO	65
45	COD022664429	CIRCUIT IMAGES CO.	BOULDER	63
46	COD076445303	GRAPHIC PACKAGING CORPORATON	BOULDER	60
47	COD983789470	SAND CREEK CHEMICAL	COMMERCE CITY	60
48	COD982599318	HAUSER	BOULDER	58
49	COD983794108	RIBOZYME PHARMACEUTICALS INC.	BOULDER	56
50	CO0000059758	HAUSER, INC.	LONGMONT	54
Total				47,303

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

COLORADO

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	273	ONLY AN F CODE	6,682		
ONLY CORROSIVE	157	ONLY A K CODE	14,338		
ONLY REACTIVE	322	ONLY A P CODE	0		
ONLY D004-17	2,225	ONLY A U CODE	133		
ONLY D018-43	212				
HAS MORE THAN ONE CHARACTERISTIC CODE	9,728	HAS MORE THAN ONE LISTED CODE	3		
TOTAL	12,916	TOTAL	21,155	Both Characteristic and Listed	15,103

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	810			IGN. W/ AT LEAST 1 LSTD	10,365
HAS CORROSIVE CODE	9,090			CORR. W/ AT LEAST 1 LSTD	153
HAS REACTIVE CODE	306			REACT. W/ AT LEAST 1 LSTD	25
HAS D004-D017 CODE	9,237			D004-17 W/ AT LEAST 1 LSTD	4,980
HAS D018-D043 CODE	969			D018-43 W/ AT LEAST 1 LSTD	1,585
		HAS AN F CODE	3	F WASTE W/ AT LEAST 1 CHAR	14,983
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	192
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	26
		HAS A U CODE	3	U WASTE W/ AT LEAST 1 CHAR	141
TOTAL	9,728	TOTAL	3	TOTAL	15,103

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

COLORADO**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 18

7 Quantity of RCRA Hazardous Waste Managed: 5,282 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	COD991300484	SAFETY-KLEEN (DEER TRAIL) INC	DEER TRAIL	5,282
2	COD069712792	COLORADO STATE UNNIVERSITY (STORAGE)	FT. COLLINS	0
3	CO6890090065	U.S. DEPT. OF ENERGY, GRAND JCT. OFFICE	GRAND JUNCTION	0
Total				5,282

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

COLORADO

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	0	0.0	1	33.3
STABILIZATION	M111-M119	5,035	95.3	2	66.7
LANDFILL	M132	247	4.7	1	33.3
		5,282	100.0	3	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	5,035	95.3	2	66.7
LANDFILL	M132	247	4.7	1	33.3
SOLVENTS RECOVERY	M021-M029	0	0.0	1	33.3
		5,282	100.0	3	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	5,035	95.3	2	66.7
SOLVENTS RECOVERY	M021-M029	0	0.0	1	33.3
LANDFILL	M132	247	4.7	1	33.3
		5,282	100.0	3	

Note: Facilities reporting storage only and their quantity managed are excluded.
 Columns may not sum due to rounding.
 Number of Facilities column may not sum to total because facilities may have multiple handling methods.

COLORADO

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 155

13 Quantity of RCRA Hazardous Waste Shipped: 50,060 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	COD007057961	ROCKY MOUNTAIN STEEL MILLS	PUEBLO	15,130
2	COD980591184	ONYX ENVIROMENTAL SERVICES	HENDERSON	8,637
3	COD076470525	ROCHE COLORADO CORPORATION	BOULDER	7,499
4	COD001704790	LOCKHEED MARTIN ASTRONAUTICS	LITTLETON	4,323
5	COD007077175	KOPPERS (BEAZER EAST INC)	DENVER	2,926
6	COD000716621	SAFETY-KLEEN SYSTEMS, INC.	ENGLEWOOD	1,601
7	COD097147987	DDI (DYNAMIC DETAILS, INC.)	COLORADO SPRINGS	605
8	COD000694869	BOULDER SCIENTIFIC COMPANY	MEAD	527
9	COD000716639	SAFETY-KLEENS SYSTEMS, INC.	PUEBLO	474
10	COD983775123	LEXMARK INT'L	LONGMONT	450
11	COD081474710	ATMEL CORPORATION	COLORADO SPRINGS	383
12	COD078362837	CHEMICAL & METAL INDUSTRIES, INC.	DENVER	359
13	COD005127279	OEA, INC.	AURORA	320
14	COD000109975	COLORADO REFINING CO.-DENVER REFINERY	COMMERCE CITY	271
15	COT090010851	SAFETY-KLEEN SYSTEMS, INC.	GRAND JUNCTION	263
16	COD980667059	LSI LOGIC	COLORADO SPRINGS	261
17	COD048126726	EAGLE-PICHER TECHNOLOGIES, LLC	COLORADO SPRINGS	258
18	COD058158775	SAE CIRCUITS COLORADO, INC.	BOULDER	242
19	COR000009514	KODAK POLYCHROME GRAPHICS	WINDSOR	240
20	COD007063290	NORTH AMERICAN GALVANIZING CO.	COMMERCE CITY	212
21	COD060627189	CONOCO INC.	COMMERCE CITY	201
22	COD078341658	KODAK COLORADO DIVISION	WINDSOR	191
23	COD983789850	NAPRO BIOTHERAPEUTICS, INC.	BOULDER	173
24	COD102545621	GOLDEN ALUMINUM	FORT LUPTON	160
25	COD983777541	HAUSER, INC.	BOULDER	153
26	COR000011957	RIVIERA CASINO - BLACK HAWK CO.	BLACK HAWK	151
27	COD982648727	ANGLO GOLD(COLORADO) CORP.	VICTOR	144
28	COR000010108	CHEMREX-DENVER	BRIGHTON	135
29	CO5210020769	ROCKY MTN ARSENAL	COMMERCE CITY	129
30	COD075767681	VAN WATERS & ROGERS, INC.	GRAND JUNCTION	125
31	COD007073901	LINCOLN PLATING COMPANY	DENVER	124
32	COD082657420	SCHLAGE LOCK COMPANY	SECURITY	114
33	COD981547797	MASTERCRAFT CABINETS, INC.	AURORA	113
34	COD007092513	WESTERN FORGE CORPORATION	COLORADO SPRINGS	108
35	COR000008581	AAA PLATING, INC.	DENVER	106
36	COD007057995	HAMILTON SUNDSTRAND	DENVER	104
37	COD039146931	NEOPLAN USA CORP.	LAMAR	92
38	COR000004077	OPTIMA BATTERIES INCORPORATED	AURORA	87
39	COR000008706	DAVID WIRE PUEBLO CORPORATION	PUEBLO	81
40	COD007091879	CENTER LINE CIRCUITS INC.	LONGMONT	79
41	COD007063530	ASARCO INCORPORATED GLOBE PLANT	DENVER	78
42	COD981549413	SAS CIRCUITS INC.	LITTLETON	75
43	COR000006908	VITESSE SEMICONDUCTOR CORPORATION	COLORADO SPRINGS	75
44	COR000013193	HENDERSON HUNTER ED. BLDG.	COMMERCE CITY	73
45	CO8213820725	PUEBLO CHEMICAL DEPOT (PCD)	PUEBLO	65
46	COD022664429	CIRCUIT IMAGES CO.	BOULDER	63
47	COD076445303	GRAPHIC PACKAGING CORPORATON	BOULDER	62
48	COD983789470	SAND CREEK CHEMICAL	COMMERCE CITY	60
49	COD982599318	HAUSER	BOULDER	58
50	COD981543804	K B P COIL COATERS INC	DENVER	57
Total				48,218

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

COLORADO

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 7

16 Quantity of RCRA Hazardous Waste Received: 16,011 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	COD980591184	ONYX ENVIROMENTAL SERVICES	HENDERSON	8,981
2	COD991300484	SAFETY-KLEEN (DEER TRAIL) INC	DEER TRAIL	5,200
3	COD000716621	SAFETY-KLEEN SYSTEMS, INC.	ENGLEWOOD	1,355
4	COD000716639	SAFETY-KLEENS SYSTEMS, INC.	PUEBLO	273
5	COT090010851	SAFETY-KLEEN SYSTEMS, INC.	GRAND JUNCTION	197
6	COD069712792	COLORADO STATE UNNIVERSITY (STORAGE)	FT. COLLINS	3
7	COD007431505	UNIVERSITY OF COLORADO AT BOULDER	BOULDER	2
Total				16,011

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

COLORADO**1999 WASTE RECEIPTS, CONTINUED****18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	4,994	96.0	1	100.0
LANDFILL	M132	206	4.0	1	100.0
		5,200	100.0	1	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	4,994	96.0	1	100.0
LANDFILL	M132	206	4.0	1	100.0
		5,200	100.0	1	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	4,994	96.0	1	100.0
LANDFILL	M132	206	4.0	1	100.0
		5,200	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

COLORADO

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 2,219 Tons

22 Quantity of RCRA Hazardous Waste Exported: 37,184 Tons

CONNECTICUT

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 391
- 2 Quantity of RCRA Hazardous Waste Generated: 92,201 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	CTR000004457	EXETER ENERGY LP	STERLING	38,222
2	CTD001184167	FRAMETONE CONNECTORS, U.S.A.	NORWALK	9,277
3	CTD052541695	CORBIN RUSSWIN, INC	BERLIN	7,729
4	CTD001147495	PFIZER INC	GROTON	5,803
5	CTD002593887	BRIDGEPORT UNITED RECYCLING	BRIDGEPORT	2,305
6	CTD001183763	CIRCUIT-WISE, INC.	NORTH HAVEN	2,187
7	CTD001173467	CYTEC INDUSTRIES INC.	WALLINGFORD	1,547
8	CTD075407031	WYATT ENERGY INC	NEW HAVEN	1,529
9	CTD001449826	UNIROYAL CHEMICAL CO., INC.	NAUGATUCK	974
10	CTD001159730	DOW CHEMICAL CO ALLYN'S POINT PLANT	GALES FERRY	903
11	CTD046233003	CT GALVANIZING CORP	GLASTONBURY	876
12	CT4170022020	US NAVAL SUBMARINE BASE	GROTON	754
13	CTD075133835	HAMPFORD RESEARCH, INC	STRATFORD	713
14	CTD981213101	QUALITY ROLLING & DEBURRING CO	THOMASTON	664
15	CTD058507740	CHANDLER EVANS CONTROL SYSTEMS DIV.	WEST HARTFORD	547
16	CTD043036995	TYCO PRINTED CIRCUIT GROUP INC.,STAFFORD	STAFFORD	520
17	CTD134204916	COYNE TEXTILE SERVICES INC	WATERBURY	498
18	CTD001449784	SIKORSKY AIRCRAFT CORPORATION	STRATFORD	484
19	CTD010170363	STANLEY HARDWARE	NEW BRITAIN	445
20	CTD001449511	PRATT & WHITNEY AIRCRAFT DIV UTC	NORTH HAVEN	431
21	CTD001162569	STRUM RUGER & CO INC	SOUTHPORT	422
22	CTD021816889	UNITED OIL RECOVERY, INC.	MERIDEN	378
23	CTD042279513	KING IND INC	NORWALK	350
24	CTD001161793	PITNEY BOWES INC.	STAMFORD	348
25	CTD001183300	W.E BASSETT CO.	DERBY	344
26	CTD000604488	CLEAN HARBORS OF CONNECTICUT, INC.	BRISTOL	337
27	CTD990672081	PRATT & WHITNEY	EAST HARTFORD	321
28	CTD001162304	PROGRESSIVE PLATING TECHNOLOGY INC	BRIDGEPORT	317
29	CTD001186212	VITRAMON, INCORPORATED	MONROE	294
30	CTD001166263	MIRROR POLISHING & PLATING INC	WATERBURY	292
31	CTD001145341	HAMILTON SUNDSTRAND, A UTC COMPANY	WINDSOR LOCKS	274
32	CTD002496909	SUMMIT CORP OF AMERICA	THOMASTON	267
33	CTD049590326	CINTAS CORP	BRANFORD	263
34	CTD065521304	TYCO PRINTED CIRCUIT GROUP - MANCHESTER	MANCHESTER	249
35	CTD001980911	FM PRECISION GOLF MANUFACTURING CORP.	TORRINGTON	228
36	CTD981889538	ARMOLOY OF CT INC.	BRISTOL	222
37	CTD001153840	SANITARY DASH MANUFACTURING CO. INC.	NORTH GROSVENORDALE	220
38	CTD002592020	BEAVER BROOK CIRCUITS INC.	BETHEL	207
39	CTD001840974	INSTRUMENT DIV DRESSER EQUIP GROUP	STRATFORD	197
40	CTD001148717	TORRINGTON CO THE STANDARD PLT	TORRINGTON	197
41	CTD001450154	WHYCO CHROMIUM CO INC	THOMASTON	195
42	CTD983875782	ADVANCED REFURB. OPERATION	NORTH HAVEN	194
43	CTD053704110	OLIN CORP SOMERS THIN STRIP BRASS	WATERBURY	174
44	CTD000844399	PRATT & WHITNEY AIRCRAFT GROUP	EAST HARTFORD	168
45	CTD000652206	TYCO PRINTED CIRCUIT GROUP INC.,STAFFORD	STAFFORDVILLE	166
46	CTD980669352	SIKORSKY AIRCRAFT CORPORATION	SHELTON	157
47	CTD001144062	BIRKEN MFG CO.	BLOOMFIELD	148
48	CTD001164888	PPG ARCHITECTURAL FINISHES, INC.	WATERTOWN	146
49	CTD001166826	SUPERIOR PLATING COMPANY	SOUTHPORT	144
50	CTD001145671	BASS PLATING CO. THE	BLOOMFIELD	143
Total				83,768

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

CONNECTICUT

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	1,951	ONLY AN F CODE	11,438		
ONLY CORROSIVE	947	ONLY A K CODE	20		
ONLY REACTIVE	47	ONLY A P CODE	6		
ONLY D004-17	50,090	ONLY A U CODE	231		
ONLY D018-43	819				
HAS MORE THAN ONE CHARACTERISTIC CODE	7,109	HAS MORE THAN ONE LISTED CODE	1		
TOTAL	60,963	TOTAL	11,694	Both Characteristic and Listed	19,506

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	4,651			IGN. W/ AT LEAST 1 LSTD	10,297
HAS CORROSIVE CODE	2,627			CORR. W/ AT LEAST 1 LSTD	2,028
HAS REACTIVE CODE	168			REACT. W/ AT LEAST 1 LSTD	330
HAS D004-D017 CODE	3,249			D004-17 W/ AT LEAST 1 LSTD	12,209
HAS D018-D043 CODE	3,995			D018-43 W/ AT LEAST 1 LSTD	11,888
		HAS AN F CODE	1	F WASTE W/ AT LEAST 1 CHAR	19,321
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	166
		HAS A P CODE	1	P WASTE W/ AT LEAST 1 CHAR	73
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	328
TOTAL	7,109	TOTAL	1	TOTAL	19,506

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

CONNECTICUT**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 20

7 Quantity of RCRA Hazardous Waste Managed: 8,627 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	CTD002593887	BRIDGEPORT UNITED RECYCLING	BRIDGEPORT	3,667
2	CTD021816889	UNITED OIL RECOVERY, INC.	MERIDEN	3,068
3	CTD000604488	CLEAN HARBORS OF CONNECTICUT, INC.	BRISTOL	1,414
4	CTD001159730	DOW CHEMICAL CO ALLYN'S POINT PLANT	GALES FERRY	477
5	CTD001145341	HAMILTON SUNDSTRAND, A UTC COMPANY	WINDSOR LOCKS	0
Total				8,627

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

CONNECTICUT

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	0	0.0	1	20.0
INCINERATION	M041-M049	0	0.0	1	20.0
ENERGY RECOVERY	M051-M059	477	5.5	1	20.0
FUEL BLENDING	M061	6,735	78.1	3	60.0
STABILIZATION	M111-M119	1,414	16.4	1	20.0
		8,627	100.0	5	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	6,735	78.1	3	60.0
STABILIZATION	M111-M119	1,414	16.4	1	20.0
ENERGY RECOVERY	M051-M059	477	5.5	1	20.0
SOLVENTS RECOVERY	M021-M029	0	0.0	1	20.0
INCINERATION	M041-M049	0	0.0	1	20.0
		8,627	100.0	5	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	6,735	78.1	3	60.0
SOLVENTS RECOVERY	M021-M029	0	0.0	1	20.0
INCINERATION	M041-M049	0	0.0	1	20.0
ENERGY RECOVERY	M051-M059	477	5.5	1	20.0
STABILIZATION	M111-M119	1,414	16.4	1	20.0
		8,627	100.0	5	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

CONNECTICUT

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 378

13 Quantity of RCRA Hazardous Waste Shipped: 61,673 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	CTD001184167	FRAMETONE CONNECTORS, U.S.A.	NORWALK	9,277
2	CTD052541695	CORBIN RUSSWIN, INC	BERLIN	7,729
3	CTD000604488	CLEAN HARBORS OF CONNECTICUT, INC.	BRISTOL	6,252
4	CTD001147495	PFIZER INC	GROTON	5,801
5	CTR000004457	EXETER ENERGY LP	STERLING	2,983
6	CTD002593887	BRIDGEPORT UNITED RECYCLING	BRIDGEPORT	2,470
7	CTD001183763	CIRCUIT-WISE, INC.	NORTH HAVEN	2,186
8	CTD001173467	CYTEC INDUSTRIES INC.	WALLINGFORD	1,136
9	CTD001449826	UNIROYAL CHEMICAL CO., INC.	NAUGATUCK	1,117
10	CTD075407031	WYATT ENERGY INC	NEW HAVEN	1,107
11	CTD046233003	CT GALVANIZING CORP	GLASTONBURY	876
12	CT4170022020	US NAVAL SUBMARINE BASE	GROTON	741
13	CTD981213101	QUALITY ROLLING & DEBURRING CO	THOMASTON	664
14	CTD058507740	CHANDLER EVANS CONTROL SYSTEMS DIV.	WEST HARTFORD	547
15	CTD043036995	TYCO PRINTED CIRCUIT GROUP INC.,STAFFORD	STAFFORD	520
16	CTD134204916	COYNE TEXTILE SERVICES INC	WATERBURY	498
17	CTD001449784	SIKORSKY AIRCRAFT CORPORATION	STRATFORD	484
18	CTD010170363	STANLEY HARDWARE	NEW BRITAIN	445
19	CTD001449511	PRATT & WHITNEY AIRCRAFT DIV UTC	NORTH HAVEN	428
20	CTD001159730	DOW CHEMICAL CO ALLYN'S POINT PLANT	GALES FERRY	427
21	CTD001162569	STRUM RUGER & CO INC	SOUTHPORT	422
22	CTD021816889	UNITED OIL RECOVERY, INC.	MERIDEN	398
23	CTD075133835	HAMPFORD RESEARCH, INC	STRATFORD	361
24	CTD042279513	KING IND INC	NORWALK	350
25	CTD001161793	PITNEY BOWES INC.	STAMFORD	348
26	CTD001183300	W.E BASSETT CO.	DERBY	344
27	CTD990672081	PRATT & WHITNEY	EAST HARTFORD	334
28	CTD001162304	PROGRESSIVE PLATING TECHNOLOGY INC	BRIDGEPORT	317
29	CTD001166263	MIRROR POLISHING & PLATING INC	WATERBURY	292
30	CTD001186212	VITRAMON, INCORPORATED	MONROE	277
31	CTD001145341	HAMILTON SUNDSTRAND, A UTC COMPANY	WINDSOR LOCKS	269
32	CTD002496909	SUMMIT CORP OF AMERICA	THOMASTON	267
33	CTD049590326	CINTAS CORP	BRANFORD	263
34	CTD065521304	TYCO PRINTED CIRCUIT GROUP - MANCHESTER	MANCHESTER	249
35	CTD001980911	FM PRECISION GOLF MANUFACTURING CORP.	TORRINGTON	226
36	CTD981889538	ARMOLLOY OF CT INC.	BRISTOL	222
37	CTD001153840	SANITARY DASH MANUFACTURING CO. INC.	NORTH GROSVENORDALE	220
38	CTD983896341	WASTE MANAGEMENT OF CONNECTICUT, INC.	PORTLAND	213
39	CTD002592020	BEAVER BROOK CIRCUITS INC.	BETHEL	207
40	CTD001840974	INSTRUMENT DIV DRESSER EQUIP GROUP	STRATFORD	197
41	CTD001148717	TORRINGTON CO THE STANDARD PLT	TORRINGTON	197
42	CTD001450154	WHYCO CHROMIUM CO INC	THOMASTON	189
43	CTD983875782	ADVANCED REFURB. OPERATION	NORTH HAVEN	187
44	CTD053704110	OLIN CORP SOMERS THIN STRIP BRASS	WATERBURY	170
45	CTD000844399	PRATT & WHITNEY AIRCRAFT GROUP	EAST HARTFORD	168
46	CTD000652206	TYCO PRINTED CIRCUIT GROUP INC.,STAFFORD	STAFFORDVILLE	166
47	CTD001144062	BIRKEN MFG CO.	BLOOMFIELD	148
48	CTD001164888	PPG ARCHITECTURAL FINISHES, INC.	WATERTOWN	146
49	CTD980669352	SIKORSKY AIRCRAFT CORPORATION	SHELTON	145
50	CTD001145671	BASS PLATING CO. THE	BLOOMFIELD	143
Total				53,123

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

CONNECTICUT

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 5

16 Quantity of RCRA Hazardous Waste Received: 19,847 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	CTD021816889	UNITED OIL RECOVERY, INC.	MERIDEN	13,995
2	CTD002593887	BRIDGEPORT UNITED RECYCLING	BRIDGEPORT	3,720
3	CTD000604488	CLEAN HARBORS OF CONNECTICUT, INC.	BRISTOL	2,115
4	CTD001145341	HAMILTON SUNDSTRAND, A UTC COMPANY	WINDSOR LOCKS	17
5	CT4170022020	US NAVAL SUBMARINE BASE	GROTON	0
Total				19,847

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

CONNECTICUT**1999 WASTE RECEIPTS, CONTINUED****18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	0	0.0	1	33.3
FUEL BLENDING	M061	4,338	75.4	3	100.0
STABILIZATION	M111-M119	1,414	24.6	1	33.3
		5,752	100.0	3	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	4,338	75.4	3	100.0
STABILIZATION	M111-M119	1,414	24.6	1	33.3
INCINERATION	M041-M049	0	0.0	1	33.3
		5,752	100.0	3	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	4,338	75.4	3	100.0
INCINERATION	M041-M049	0	0.0	1	33.3
STABILIZATION	M111-M119	1,414	24.6	1	33.3
		5,752	100.0	3	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

CONNECTICUT

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 10,505 Tons

22 Quantity of RCRA Hazardous Waste Exported: 55,863 Tons

DELAWARE

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 76
- 2 Quantity of RCRA Hazardous Waste Generated: 26,071 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	DER000002642	DIAMOND STATE SALVAGE SITE	WILMINGTON	13,171
2	DED002276764	CITISTEEL USA, INC.	CLAYMONT	4,480
3	DED980830400	CIBA SPECIALTY CHEMICALS	NEWPORT	1,647
4	DED003913266	OCCIDENTAL CHEMICAL CORP.	NEW CASTLE	1,488
5	DED003930807	DUPONT COMPANY EXPERIMENTAL STATION	WILMINGTON	995
6	DED041212473	METACHEM PRODUCTS, LLC	NEW CASTLE	765
7	DED085693646	NORAMCO OF DELAWARE, INC.	WILMINGTON	516
8	DED002369205	GM WILMINGTON ASSEMBLY PLANT	WILMINGTON	508
9	DED002357408	DAIMLER CHRYSLER CORP. NEWARK ASSMBLY PL	NEWARK	314
10	DEP000001559	NEW CASTLE COUNTY COURTHOUSE	WILMINGTON	212
11	DE8570024010	DOVER AIR FORCE BASE	DOVER AFB	194
12	DED069876795	PRINT PACK, INC.	NEW CASTLE	158
13	DED984071282	MEDAL L.P. / WILLOW BANK	NEWPORT	141
14	DED011001476	REICHOLD, INC.	CHESWOLD	108
15	DED981042724	AMTRAK	BEAR	100
16	DED064370992	DUPONT STINE - HASKELL RESEARCH CENTER	NEWARK	91
17	DED984071068	DUPONT PHARMACEUTICAL CO. - EXP. STATION	WILMINGTON	88
18	DED053304770	MACDERMID INC.	MIDDLETOWN	82
19	DED002353092	JOHNSON CONTROLS BATTERY GROUP	MIDDLETOWN	75
20	DED002329738	MOTIVA ENTERPRISES LLC	DELAWARE CITY	59
21	DED042263764	E.I. DUPONT DE NEMOURS & CO.	NEWARK	50
22	DEP000001583	MARINIS BROS, INC.	WILMINGTON	48
23	DED000820399	ASTRAZENECA PHARMACEUTICALS LP	WILMINGTON	47
24	DED061805487	AMETEK INC / HAVEG DIV	WILMINGTON	46
25	DED984066118	CHROME DEPOSIT CORPORATION	NEWARK	44
26	DED984073635	CB RESEARCH AND DEVELOPMENT	WILMINGTON	42
27	DED980555122	DUPONT HOLLY RUN PLANT	NEWPORT	40
28	DED001315647	HERCULES INCORPORATED RESEARCH CENTER	WILMINGTON	38
29	DED982676595	AGILENT TECHNOLOGIES, INC. NEWPORT SITE	NEWPORT	37
30	DED002337806	NVF COMPANY	YORKLYN	34
31	DED021957444	JUSTIN TANKS, LLC	GEORGETOWN	29
32	DED000820704	UNIVERSITY OF DELAWARE / NEWARK CAMPUS	NEWARK	28
33	DED981743065	DENTSPLY / CAULK	MILFORD	28
34	DED083235549	DENTSPLY / CAULK	MILFORD	23
35	DED003930799	E. I. DUPONT DE NEMOURS & CO.	WILMINGTON	21
36	DED011028438	ATLANTIC AVIATION CORPORATION	NEW CASTLE	20
37	DED002342020	ICI AMERICAS INC - ATLAS POINT	NEW CASTLE	18
38	DED982362543	PROCINO PLATING, INC	BLADES	18
39	DED001044197	E-A-R SPECIALTY COMPOSITES	NEWARK	18
40	DEP000001568	AMTRAK	WILMINGTON	17
41	DER000001156	DADE BEHRING INC.	GLASGOW	17
42	DED040835795	PLAYTEX PRODUCTS, INC.	DOVER	16
43	DED060058062	AMTRAK MAINTENANCE FACILITY	WILMINGTON	16
44	DED002331536	W. L. GORE & ASSOCIATES INC.	NEWARK	16
45	DED002348845	E.I. DUPONT DE NEMOURS & CO, INC.	SEAFORD	15
46	DER000002071	LANXIDE ELECTRONIC COMPONENTS, INC	NEWARK	14
47	DED054719851	NANTICOKE HOMES, INC	GREENWOOD	12
48	DED980537781	CAMDEL METALS CORPORATION	CAMDEN	11
49	DED984076265	AVECIA, INC	NEW CASTLE	11
50	DED064867005	INLAND PAPERBOARD AND PACKAGING	HARRINGTON	11
Total				25,977

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

DELAWARE

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	1,713	ONLY AN F CODE	1,321		
ONLY CORROSIVE	60	ONLY A K CODE	1,637		
ONLY REACTIVE	2	ONLY A P CODE	1		
ONLY D004-17	14,223	ONLY A U CODE	105		
ONLY D018-43	57				
HAS MORE THAN ONE CHARACTERISTIC CODE	187	HAS MORE THAN ONE LISTED CODE	3		
TOTAL	16,241	TOTAL	3,066	Both Characteristic and Listed	6,669

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	88			IGN. W/ AT LEAST 1 LSTD	1,899
HAS CORROSIVE CODE	116			CORR. W/ AT LEAST 1 LSTD	156
HAS REACTIVE CODE	17			REACT. W/ AT LEAST 1 LSTD	6
HAS D004-D017 CODE	115			D004-17 W/ AT LEAST 1 LSTD	4,627
HAS D018-D043 CODE	55			D018-43 W/ AT LEAST 1 LSTD	659
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	1,849
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	4,522
		HAS A P CODE	2	P WASTE W/ AT LEAST 1 CHAR	2
		HAS A U CODE	3	U WASTE W/ AT LEAST 1 CHAR	485
TOTAL	187	TOTAL	3	TOTAL	6,669

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

DELAWARE**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 5

7 Quantity of RCRA Hazardous Waste Managed: 2,064 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	DED003930807	DUPONT COMPANY EXPERIMENTAL STATION	WILMINGTON	2,064
2	DE8570024010	DOVER AIR FORCE BASE	DOVER AFB	0
Total				2,064

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

DELAWARE

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	0	0.0	1	50.0
INCINERATION	M041-M049	2,064	100.0	1	50.0
		2,064	100.0	2	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	2,064	100.0	1	50.0
SOLVENTS RECOVERY	M021-M029	0	0.0	1	50.0
		2,064	100.0	2	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	0	0.0	1	50.0
INCINERATION	M041-M049	2,064	100.0	1	50.0
		2,064	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
 Columns may not sum due to rounding.
 Number of Facilities column may not sum to total because facilities may have multiple handling methods.

DELAWARE

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 72

13 Quantity of RCRA Hazardous Waste Shipped: 24,637 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	DER000002642	DIAMOND STATE SALVAGE SITE	WILMINGTON	13,171
2	DED002276764	CITISTEEL USA, INC.	CLAYMONT	4,480
3	DED003913266	OCCIDENTAL CHEMICAL CORP.	NEW CASTLE	1,309
4	DED980830400	CIBA SPECIALTY CHEMICALS	NEWPORT	795
5	DED041212473	METACHEM PRODUCTS, LLC	NEW CASTLE	765
6	DED003930807	DUPONT COMPANY EXPERIMENTAL STATION	WILMINGTON	708
7	DED002369205	GM WILMINGTON ASSEMBLY PLANT	WILMINGTON	529
8	DED085693646	NORAMCO OF DELAWARE, INC.	WILMINGTON	516
9	DED002357408	DAIMLER CHRYSLER CORP. NEWARK ASSMBLY PL	NEWARK	306
10	DEP000001559	NEW CASTLE COUNTY COURTHOUSE	WILMINGTON	212
11	DE8570024010	DOVER AIR FORCE BASE	DOVER AFB	194
12	DED984071282	MEDAL L.P. / WILLOW BANK	NEWPORT	141
13	DED011001476	REICHOLD, INC.	CHESWOLD	108
14	DED981042724	AMTRAK	BEAR	100
15	DED064370992	DUPONT STINE - HASKELL RESEARCH CENTER	NEWARK	91
16	DED984071068	DUPONT PHARMACEUTICAL CO. - EXP. STATION	WILMINGTON	88
17	DED053304770	MACDERMID INC.	MIDDLETOWN	88
18	DED069876795	PRINT PACK, INC.	NEW CASTLE	77
19	DED002353092	JOHNSON CONTROLS BATTERY GROUP	MIDDLETOWN	75
20	DED002329738	MOTIVA ENTERPRISES LLC	DELAWARE CITY	59
21	DED042263764	E.I. DUPONT DE NEMOURS & CO.	NEWARK	50
22	DEP000001583	MARINIS BROS, INC.	WILMINGTON	48
23	DED000820399	ASTRAZENECA PHARMACEUTICALS LP	WILMINGTON	47
24	DED061805487	AMETEK INC / HAVEG DIV	WILMINGTON	46
25	DED984066118	CHROME DEPOSIT CORPORATION	NEWARK	44
26	DED984073635	CB RESEARCH AND DEVELOPMENT	WILMINGTON	42
27	DED980555122	DUPONT HOLLY RUN PLANT	NEWPORT	40
28	DED001315647	HERCULES INCORPORATED RESEARCH CENTER	WILMINGTON	38
29	DED982676595	AGILENT TECHNOLOGIES, INC. NEWPORT SITE	NEWPORT	37
30	DED000820704	UNIVERSITY OF DELAWARE / NEWARK CAMPUS	NEWARK	28
31	DED981743065	DENTSPLY / CAULK	MILFORD	28
32	DED083235549	DENTSPLY / CAULK	MILFORD	23
33	DED003930799	E. I. DUPONT DE NEMOURS & CO.	WILMINGTON	21
34	DED011028438	ATLANTIC AVIATION CORPORATION	NEW CASTLE	20
35	DED002342020	ICI AMERICAS INC - ATLAS POINT	NEW CASTLE	18
36	DED982362543	PROCINO PLATING, INC	BLADES	18
37	DED001044197	E-A-R SPECIALTY COMPOSITES	NEWARK	18
38	DEP000001568	AMTRAK	WILMINGTON	17
39	DER000001156	DADE BEHRING INC.	GLASGOW	17
40	DED040835795	PLAYTEX PRODUCTS, INC.	DOVER	17
41	DED060058062	AMTRAK MAINTENANCE FACILITY	WILMINGTON	16
42	DED002331536	W. L. GORE & ASSOCIATES INC.	NEWARK	16
43	DED002348845	E.I. DUPONT DE NEMOURS & CO, INC.	SEAFORD	14
44	DER000002071	LANXIDE ELECTRONIC COMPONENTS, INC	NEWARK	14
45	DED054719851	NANTICOKE HOMES, INC	GREENWOOD	12
46	DED980537781	CAMDEL METALS CORPORATION	CAMDEN	11
47	DED984076265	AVECIA, INC	NEW CASTLE	11
48	DED064867005	INLAND PAPERBOARD AND PACKAGING	HARRINGTON	11
49	DED984076000	PHILIP MORRIS INC. C/O CATALOG RESOURCES	DOVER	10
50	DED984071076	DUPONT PHARMACEUTICAL CO. STINE-HASKELL	NEWARK	10
Total				24,553

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

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DELAWARE

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 1

16 Quantity of RCRA Hazardous Waste Received: 1,891 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	DED003930807	DUPONT COMPANY EXPERIMENTAL STATION	WILMINGTON	1,891
Total				1,891

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

DELAWARE**1999 WASTE RECEIPTS, CONTINUED****18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	1,856	100.0	1	100.0
		1,856	100.0	1	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	1,856	100.0	1	100.0
		1,856	100.0	1	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	1,856	100.0	1	100.0
		1,856	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

DELAWARE

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 1,750 Tons

22 Quantity of RCRA Hazardous Waste Exported: 24,420 Tons

DISTRICT OF COLUMBIA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 30
- 2 Quantity of RCRA Hazardous Waste Generated: 1,167 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	DC9170024310	HQ NAVAL DISTRICT	WASHINGTON	547
2	DC2200907812	U S BUREAU OF ENGRAVING AND PRINTING	WASHINGTON	164
3	DCD003245768	WASHINGTON POST NEWSPAPER THE	WASHINGTON	111
4	DC4141707162	ARCHITECT OF THE CAPITOL	WASHINGTON	75
5	DCD000819516	PEPCO BENNING ROAD GENERATING STATION	WASHINGTON	69
6	DC3122311001	U S DEPT OF AGRICULTURE-F	WASHINGTON	35
7	DCD000797761	BLUE PLAINS UPTOWN	WASHINGTON	29
8	DC4210021156	WALTER REED ARMY MEDICAL CENTER	WASHINGTON	29
9	DC7470090005	SMITHSONIAN INST - NATURAL HISTORY BLDG	WASHINGTON	17
10	DC4170000901	HQ NDW NAVAL STATION ANACOSTIA	WASHINGTON	16
11	DC4040005031	U S GOVERNMENT PRINTING OFFICE	WASHINGTON	12
12	DC8170024311	NAVAL RESEARCH LABORATORY	WASHINGTON	11
13	DC9570090036	BOLLING AIR FORCE BASE	WASHINGTON	8
14	DCD981737422	WMATA BRENTWOOD	WASHINGTON	6
15	DC8470000086	FOOD & DRUG ADMINISTRATION FB 8	WASHINGTON	5
16	DCD132296039	WASHINGTON HOSPITAL CENTER	WASHINGTON	4
17	DC8470090004	GSA SOUTHEAST FEDERAL CENTER	WASHINGTON	4
18	DC7170023454	U S NAVAL OBSERVATORY	WASHINGTON	4
19	DC6470090014	SMITHSONIAN NATL AIR & SPACE MUSEUM	WASHINGTON	4
20	DCD106341449	HOWARD UNIVERSITY	WASHINGTON	4
21	DCD981940083	GEORGE WASHINGTON UNIVERSITY	WASHINGTON	3
22	DC1960000908	US WASHINGTON ADUEDUCT DIVISION	WASHINGTON	3
23	DC3170023532	US MARINE BARRACKS	WASHINGTON	2
24	DCD077795060	AMERICAN UNIVERSITY	WASHINGTON	2
25	DCD006920284	POTOMAC ELECTRIC POWER COMPANY	WASHINGTON	1
26	DCD980204879	CATHOLIC UNIVERSITY OF AMERICA	WASHINGTON	1
27	DCD000819508	PEPCO BUZZARD POINT GENERATING STATION	WASHINGTON	0
28	DCD983970526	KM INC EXXON SERVICE STATION	WASHINGTON	0
29	DCD049515844	GEORGETOWN UNIVERSITY	WASHINGTON	0
Total				1,167

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

DISTRICT OF COLUMBIA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	85	ONLY AN F CODE	3		
ONLY CORROSIVE	5	ONLY A K CODE	0		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	829	ONLY A U CODE	0		
ONLY D018-43	3				
HAS MORE THAN ONE CHARACTERISTIC CODE	70	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	992	TOTAL	3	Both Characteristic and Listed	164

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	58			IGN. W/ AT LEAST 1 LSTD	74
HAS CORROSIVE CODE	14			CORR. W/ AT LEAST 1 LSTD	90
HAS REACTIVE CODE	2			REACT. W/ AT LEAST 1 LSTD	6
HAS D004-D017 CODE	58			D004-17 W/ AT LEAST 1 LSTD	112
HAS D018-D043 CODE	15			D018-43 W/ AT LEAST 1 LSTD	60
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	88
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	68
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	3
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	18
TOTAL	70	TOTAL	0	TOTAL	164

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

DISTRICT OF COLUMBIA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 1

7 Quantity of RCRA Hazardous Waste Managed: 0 Tons

Table 8 has been omitted from this report because there were no facilities in the District of Columbia that reported managing RCRA hazardous waste in 1999 other than as a storage-only facility.

DISTRICT OF COLUMBIA

1999 WASTE MANAGEMENT, CONTINUED

Tables 9, 10, and 11 have been omitted from this report because there were no facilities in the District of Columbia that reported managing RCRA hazardous waste in 1999 other than as a storage-only facility.

DISTRICT OF COLUMBIA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 29

13 Quantity of RCRA Hazardous Waste Shipped: 1,165 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	DC9170024310	HQ NAVAL DISTRICT	WASHINGTON	547
2	DC2200907812	U S BUREAU OF ENGRAVING AND PRINTING	WASHINGTON	164
3	DCD003245768	WASHINGTON POST NEWSPAPER THE	WASHINGTON	111
4	DC4141707162	ARCHITECT OF THE CAPITOL	WASHINGTON	73
5	DCD000819516	PEPCO BENNING ROAD GENERATING STATION	WASHINGTON	69
6	DC3122311001	U S DEPT OF AGRICULTURE-F	WASHINGTON	35
7	DCD000797761	BLUE PLAINS UPTOWN	WASHINGTON	29
8	DC4210021156	WALTER REED ARMY MEDICAL CENTER	WASHINGTON	29
9	DC7470090005	SMITHSONIAN INST - NATURAL HISTORY BLDG	WASHINGTON	17
10	DC4170000901	HQ NDW NAVAL STATION ANACOSTIA	WASHINGTON	16
11	DC4040005031	U S GOVERNMENT PRINTING OFFICE	WASHINGTON	12
12	DC8170024311	NAVAL RESEARCH LABORATORY	WASHINGTON	11
13	DC9570090036	BOLLING AIR FORCE BASE	WASHINGTON	7
14	DCD981737422	WMATA BRENTWOOD	WASHINGTON	6
15	DC8470000086	FOOD & DRUG ADMINISTRATION FB 8	WASHINGTON	5
16	DCD132296039	WASHINGTON HOSPITAL CENTER	WASHINGTON	4
17	DC8470090004	GSA SOUTHEAST FEDERAL CENTER	WASHINGTON	4
18	DC6470090014	SMITHSONIAN NATL AIR & SPACE MUSEUM	WASHINGTON	4
19	DC7170023454	U S NAVAL OBSERVATORY	WASHINGTON	4
20	DCD106341449	HOWARD UNIVERSITY	WASHINGTON	4
21	DCD981940083	GEORGE WASHINGTON UNIVERSITY	WASHINGTON	3
22	DC1960000908	US WASHINGTON ADUEDUCT DIVISION	WASHINGTON	3
23	DC3170023532	US MARINE BARRACKS	WASHINGTON	2
24	DCD077795060	AMERICAN UNIVERSITY	WASHINGTON	2
25	DCD006920284	POTOMAC ELECTRIC POWER COMPANY	WASHINGTON	1
26	DCD980204879	CATHOLIC UNIVERSITY OF AMERICA	WASHINGTON	1
27	DCD000819508	PEPCO BUZZARD POINT GENERATING STATION	WASHINGTON	0
28	DCD983970526	KM INC EXXON SERVICE STATION	WASHINGTON	0
29	DCD049515844	GEORGETOWN UNIVERSITY	WASHINGTON	0
Total				1,165

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

DISTRICT OF COLUMBIA

1999 WASTE RECEIPTS

Tables 15, 16, and 17 have been omitted from this report because there were no facilities in the District of Columbia that reported receiving RCRA hazardous waste in 1999.

DISTRICT OF COLUMBIA

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the District of Columbia that reported receiving RCRA hazardous waste in 1999.

DISTRICT OF COLUMBIA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 0 Tons

22 Quantity of RCRA Hazardous Waste Exported: 1,165 Tons

FLORIDA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 366
- 2 Quantity of RCRA Hazardous Waste Generated: 272,387 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	FLD004106811	KAISER ALUMINUM & CHEMICAL CORPORATION	MULBERRY	164,152
2	FLD004092839	GULF COAST RECYCLING, INC.	TAMPA	30,965
3	FLD071951966	SOLUTIA INC.	GONZALEZ	27,875
4	FLD083812537	AMERISTEEL;JACKSONVILLE MILL DIVISION	BALDWIN	8,972
5	FLD004058046	RAYONIER	BUNNELL	4,862
6	FL6170024412	NAVAL AIR STATION JACKSONVILLE	JACKSONVILLE	3,442
7	FLD050768548	ARCHIMICA (FLORIDA), INC.	GAINESVILLE	3,275
8	FLD980729610	SAFETY-KLEEN (BARTOW), INC.	BARTOW	2,849
9	FLD008155673	AIR PRODUCTS AND CHEMICALS, INC/ESCAMBIA	PACE	2,260
10	FLD004065926	ARIZONA CHEMICAL	PANAMA CITY	2,241
11	FLR000031641	FLORIDA DEP - OWENS PEST CONTROL	JACKSONVILLE	902
12	FLD095565206	REICHHOLD, INC.	PENSACOLA	765
13	FLR000049718	UNIVERSAL SAND LAKE ROAD COMPLEX	ORLANDO	764
14	FLD000824896	INDUSTRIAL GALVANIZERS	TAMPA	757
15	FLD043860451	EVEREADY BATTERY COMPANY, INC.	ALACHUA	753
16	FLR000016386	BABCOCK RANCH FLORIDA COMPANY	PUNTA GORDA	530
17	FLD097373542	CHROMALLOY FLORIDA	FORT WALTON BEACH	486
18	FLD061897054	MONTCO RESEARCH PRODUCTS	HOLLISTER	459
19	FLD064675978	AVESTA SHEFFIELD PIPE CO	WILDWOOD	438
20	FLD980845010	CIRENT SEMICONDUCTOR	ORLANDO	371
21	FLD058449927	SHELL CHEMICAL COMPANY	LAKELAND	367
22	FLT990062556	BROWN'S DUMP	JACKSONVILLE	358
23	FLD095558466	VIKTRON ORLANDO	ORLANDO	311
24	FLD982100240	TSE INDUSTRIES, INC.	CLEARWATER	277
25	FLD000645481	FMC CORPORATION	JACKSONVILLE	267
26	FLD065912966	TYCO-MELBOURNE	MELBOURNE	262
27	FLD984171165	SAFETY-KLEEN SYSTEMS, INC	SANFORD	251
28	FLD004065470	WALT DISNEY WORLD	LAKE BUENA VISTA	237
29	FL0002072882	ROMARC INDUSTRIES REMOVAL	WILLISTON	232
30	FLT990063398	PATTI'S MOBILE HOME PARK / UNITED PETROL	TAMPA	232
31	FL4170023788	NAVAL AIR STATION, TRUMAN ANNEX	KEY WEST,	224
32	FL7570024375	U.S. AIR FORCE	HURLBURT FIELD	217
33	FLD004145140	AIRCO PLATING CO., INC.	MIAMI	216
34	FLD082400441	CORONADO PAINT COMPANY	EDGEWATER	204
35	FLD982090292	PCM PRODUCTS, INC.	TITUSVILLE	198
36	FLD980847214	SAFETY-KLEEN SYSTEMS, INC	ORANGE PARK	197
37	FLD982125320	UNIVERSAL ORLANDO	ORLANDO	196
38	FLR000037598	ROYAL CARIBBEAN CRUISES LIMITED	MIAMI	189
39	FLD078319308	CENTRAL FLORIDA PIPELINE - ORLANDO	ORLANDO	184
40	FLD984174706	AXON CIRCUIT, INC.	TAMPA	183
41	FLD984258632	GE ENGINE SERVICES	MIAMI	175
42	FLD980711378	COOK COMPOSITES AND POLYMERS	ORLANDO	167
43	FLR000049601	KEYMARK CORP OF FLORIDA	LAKELAND	160
44	FLD099068710	BERTRAM YACHT INC	MIAMI	157
45	FLD067242164	ELREHA PRINTED CIRCUITS CORP.	ST. PETERSBURG	157
46	FL9170024260	NAVAL STATION MAYPORT	MAYPORT	157
47	FLD004061529	REICHHOLD INC.	JACKSONVILLE	153
48	FLD980838569	FAR RESEARCH, INC.	PALM BAY	153
49	FLD984171611	ARIZONA CHEMICAL COMPANY	PENSACOLA	151
50	FL6800014585	KENNEDY SPACE CENTER	KENNEDY SPACE CENTER	150
Total				263,499

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

FLORIDA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	5,706	ONLY AN F CODE	9,685		
ONLY CORROSIVE	28,759	ONLY A K CODE	12,605		
ONLY REACTIVE	38	ONLY A P CODE	52		
ONLY D004-17	32,320	ONLY A U CODE	44		
ONLY D018-43	1,056				
HAS MORE THAN ONE CHARACTERISTIC CODE	169,487	HAS MORE THAN ONE LISTED CODE	45		
TOTAL	237,367	TOTAL	22,431	Both Characteristic and Listed	12,576

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	2,148			IGN. W/ AT LEAST 1 LSTD	11,207
HAS CORROSIVE CODE	166,333			CORR. W/ AT LEAST 1 LSTD	338
HAS REACTIVE CODE	217			REACT. W/ AT LEAST 1 LSTD	89
HAS D004-D017 CODE	167,705			D004-17 W/ AT LEAST 1 LSTD	4,834
HAS D018-D043 CODE	3,020			D018-43 W/ AT LEAST 1 LSTD	6,522
		HAS AN F CODE	27	F WASTE W/ AT LEAST 1 CHAR	12,350
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	76
		HAS A P CODE	42	P WASTE W/ AT LEAST 1 CHAR	2,977
		HAS A U CODE	22	U WASTE W/ AT LEAST 1 CHAR	2,929
TOTAL	169,487	TOTAL	45	TOTAL	12,576

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

FLORIDA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 46

7 Quantity of RCRA Hazardous Waste Managed: 2,822,198 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	FLD980799050	FAIRBANKS DISPOSAL PIT	GAINESVILLE	2,625,569
2	FLD004106811	KAISER ALUMINUM & CHEMICAL CORPORATION	MULBERRY	164,152
3	FLD004092839	GULF COAST RECYCLING, INC.	TAMPA	26,065
4	FLD980729610	SAFETY-KLEEN (BARTOW), INC.	BARTOW	5,426
5	FLD984262782	MERCURY TECHNOLOGIES INTERNATIONAL, L.P.	WEST MELBOURNE	438
6	FL0000001735	CHEMICAL POLLUTION CONTROL	LAKELAND	290
7	FL0000207449	SUPERIOR SPECIAL SERVICES, INC.	TALLAHASSEE	211
8	FLR000036475	SUPERIOR SPECIAL SERVICES, INC.	PLANT CITY	36
9	FLD001447952	UTC, PRATT & WHITNEY	JUPITER	10
10	FL6800014585	KENNEDY SPACE CENTER	KENNEDY SPACE CENTER	1
11	FLD000823393	UNIVERSITY OF FLORIDA	GAINESVILLE	0
12	FLD047096524	ST. MARKS POWDER, INC.	ST. MARKS	0
13	FL0000369199	SUPERIOR SPECIAL SERVICES	TAMPA	0
Total				2,822,198

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

FLORIDA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	26,459	0.9	6	46.2
SOLVENTS RECOVERY	M021-M029	244	0.0	5	38.5
FUEL BLENDING	M061	5,185	0.2	1	7.7
STABILIZATION	M111-M119	581	0.0	1	7.7
DEEPWELL / UNDERGROUND INJECTION	M134	2,789,730	98.8	3	23.1
		2,822,198	100.0	13	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
DEEPWELL / UNDERGROUND INJECTION	M134	2,789,730	98.8	3	23.1
METALS RECOVERY	M011-M019	26,459	0.9	6	46.2
FUEL BLENDING	M061	5,185	0.2	1	7.7
STABILIZATION	M111-M119	581	0.0	1	7.7
SOLVENTS RECOVERY	M021-M029	244	0.0	5	38.5
		2,822,198	100.0	13	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	26,459	0.9	6	46.2
SOLVENTS RECOVERY	M021-M029	244	0.0	5	38.5
DEEPWELL / UNDERGROUND INJECTION	M134	2,789,730	98.8	3	23.1
FUEL BLENDING	M061	5,185	0.2	1	7.7
STABILIZATION	M111-M119	581	0.0	1	7.7
		2,822,198	100.0	13	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

FLORIDA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 359

13 Quantity of RCRA Hazardous Waste Shipped: 70,127 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	FLD083812537	AMERISTEEL;JACKSONVILLE MILL DIVISION	BALDWIN	8,972
2	FLD980729610	SAFETY-KLEEN (BARTOW), INC.	BARTOW	6,867
3	FLD004092839	GULF COAST RECYCLING, INC.	TAMPA	4,900
4	FLD004058046	RAYONIER	BUNNELL	4,862
5	FL6170024412	NAVAL AIR STATION JACKSONVILLE	JACKSONVILLE	3,285
6	FLD050768548	ARCHIMICA (FLORIDA), INC.	GAINESVILLE	3,275
7	FLD980559728	CHEMICAL CONSERVATION CORPORATION	ORLANDO	2,635
8	FLD980711071	PERMA FIX OF FLORIDA	GAINESVILLE	2,356
9	FLD004065926	ARIZONA CHEMICAL	PANAMA CITY	2,241
10	FLD981932494	USL CITY ENVIRONMENTAL SERVICES	TAMPA	1,749
11	FLD984171165	SAFETY-KLEEN SYSTEMS, INC	SANFORD	1,619
12	FLD984167791	SAFETY-KLEEN SYSTEMS INC	BOYTON BEACH	1,333
13	FLD980847271	SAFETY KLEEN SYSTEMS INC.	TAMPA	1,308
14	FLD980847214	SAFETY-KLEEN SYSTEMS, INC	ORANGE PARK	1,072
15	FLD984171694	SAFETY KLEEN SYS.	MEDLEY	955
16	FLD982133159	SAFETY-KLEEN SYSTEMS, INC	TALLAHASSEE	933
17	FLR000031641	FLORIDA DEP - OWENS PEST CONTROL	JACKSONVILLE	902
18	FLD095565206	REICHHOLD, INC.	PENSACOLA	765
19	FLR000049718	UNIVERSAL SAND LAKE ROAD COMPLEX	ORLANDO	764
20	FLD000824896	INDUSTRIAL GALVANIZERS	TAMPA	757
21	FLD043860451	EVEREADY BATTERY COMPANY, INC.	ALACHUA	753
22	FLD008155673	AIR PRODUCTS AND CHEMICALS, INC/ESCAMBIA	PACE	673
23	FLD000776716	SAFETY-KLEEN SYSTEMS, INC.	PORT CHARLOTTE	531
24	FLR000016386	BABCOCK RANCH FLORIDA COMPANY	PUNTA GORDA	530
25	FLD097373542	CHROMALLOY FLORIDA	FORT WALTON BEACH	486
26	FLD061897054	MONTCO RESEARCH PRODUCTS	HOLLISTER	459
27	FLD064675978	AVESTA SHEFFIELD PIPE CO	WILDWOOD	438
28	FLD980845010	CIRENT SEMICONDUCTOR	ORLANDO	371
29	FLD058449927	SHELL CHEMICAL COMPANY	LAKELAND	367
30	FLT990062556	BROWN'S DUMP	JACKSONVILLE	358
31	FLD095558466	VIKTRON ORLANDO	ORLANDO	311
32	FLD982100240	TSE INDUSTRIES, INC.	CLEARWATER	277
33	FLD000645481	FMC CORPORATION	JACKSONVILLE	267
34	FLD065912966	TYCO-MELBOURNE	MELBOURNE	262
35	FL0002072882	ROMARC INDUSTRIES REMOVAL	WILLISTON	232
36	FLT990063398	PATTI'S MOBILE HOME PARK / UNITED PETROL	TAMPA	232
37	FL4170023788	NAVAL AIR STATION, TRUMAN ANNEX	KEY WEST,	224
38	FL7570024375	U.S. AIR FORCE	HURLBURT FIELD	217
39	FLD004145140	AIRCO PLATING CO., INC.	MIAMI	216
40	FLD004065470	WALT DISNEY WORLD	LAKE BUENA VISTA	206
41	FLD082400441	CORONADO PAINT COMPANY	EDGEWATER	204
42	FLD982090292	PCM PRODUCTS, INC.	TITUSVILLE	198
43	FLD982125320	UNIVERSAL ORLANDO	ORLANDO	196
44	FLR000037598	ROYAL CARIBBEAN CRUISES LIMITED	MIAMI	189
45	FLD078319308	CENTRAL FLORIDA PIPELINE - ORLANDO	ORLANDO	184
46	FLD984174706	AXON CIRCUIT, INC.	TAMPA	183
47	FLD984258632	GE ENGINE SERVICES	MIAMI	175
48	FLD980711378	COOK COMPOSITES AND POLYMERS	ORLANDO	167
49	FLR000049601	KEYMARK CORP OF FLORIDA	LAKELAND	160
50	FLD099068710	BERTRAM YACHT INC	MIAMI	157
Total				60,773

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

FLORIDA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 18

16 Quantity of RCRA Hazardous Waste Received: 23,401 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	FLD980729610	SAFETY-KLEEN (BARTOW), INC.	BARTOW	8,326
2	FLD981932494	USL CITY ENVIRONMENTAL SERVICES	TAMPA	3,526
3	FLD980559728	CHEMICAL CONSERVATION CORPORATION	ORLANDO	2,444
4	FLD980711071	PERMA FIX OF FLORIDA	GAINESVILLE	2,160
5	FLD984171165	SAFETY-KLEEN SYSTEMS, INC	SANFORD	1,190
6	FLD984167791	SAFETY-KLEEN SYSTEMS INC	BOYTON BEACH	1,157
7	FLD980847271	SAFETY KLEEN SYSTEMS INC.	TAMPA	1,075
8	FLD984171694	SAFETY KLEEN SYS.	MEDLEY	812
9	FLD980847214	SAFETY-KLEEN SYSTEMS, INC	ORANGE PARK	757
10	FLD982133159	SAFETY-KLEEN SYSTEMS, INC	TALLAHASSEE	707
11	FLD000776716	SAFETY-KLEEN SYSTEMS, INC.	PORT CHARLOTTE	396
12	FLD984262782	MERCURY TECHNOLOGIES INTERNATIONAL, L.P.	WEST MELBOURNE	310
13	FL0000001735	CHEMICAL POLLUTION CONTROL	LAKELAND	290
14	FL0000207449	SUPERIOR SPECIAL SERVICES, INC.	TALLAHASSEE	212
15	FLR000036475	SUPERIOR SPECIAL SERVICES, INC.	PLANT CITY	36
16	FLD000823393	UNIVERSITY OF FLORIDA	GAINESVILLE	4
17	FL0000369199	SUPERIOR SPECIAL SERVICES	TAMPA	0
18	FL8570024366	USAF AAC/EM	EGLIN AFB	0
Total				23,401

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

FLORIDA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	842	13.7	5	83.3
SOLVENTS RECOVERY	M021-M029	242	3.9	1	16.7
FUEL BLENDING	M061	5,060	82.4	1	16.7
		6,144	100.0	6	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	5,060	82.4	1	16.7
METALS RECOVERY	M011-M019	842	13.7	5	83.3
SOLVENTS RECOVERY	M021-M029	242	3.9	1	16.7
		6,144	100.0	6	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	842	13.7	5	83.3
SOLVENTS RECOVERY	M021-M029	242	3.9	1	16.7
FUEL BLENDING	M061	5,060	82.4	1	16.7
		6,144	100.0	6	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

FLORIDA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 5,372 Tons

22 Quantity of RCRA Hazardous Waste Exported: 65,350 Tons

GEORGIA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 384
- 2 Quantity of RCRA Hazardous Waste Generated: 209,206 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	GAD039046800	MONSANTO CO	AUGUSTA	34,454
2	GAD096629282	ONYX ENVIRONMENTAL SERVICES LLC	MORROW	22,528
3	GAD093380814	CHEM CON-GEORGIA	VALDOSTA	20,877
4	GAD003264074	SOUTHERN WOOD PIEDMONT CO. - MACON	MACON	17,061
5	GAD003324985	MERCK & CO., INC / FLINT RIVER PLANT	ALBANY	15,301
6	GAD070330576	GNB TECHNOLOGIES, INC.	COLUMBUS	11,421
7	GAD980842975	INTERMETRO INDUSTRIES	DOUGLAS	8,368
8	GAD030059182	BIRMINGHAM SOUTHEAST LLC	CARTERSVILLE	5,749
9	GAR000006940	INTERNATIONAL FLAVORS AND FRAGRANCES	AUGUSTA	4,567
10	GAD000814541	SOUTH WIRE COPPER DIVISION	CARROLLTON	4,441
11	GAD004065520	HERCULES INCORPORATED	BRUNSWICK	4,385
12	GAD075942706	DELPHI ENERGY & ENGINE MANAGEMENT SYSTEM	FITZGERALD	3,893
13	GAD051011609	DSM CHEMICALS NORTH AMERICA, INC	AUGUSTA	3,531
14	GAD033582461	ALTERNATE ENERGY RESOURCES, INC.	AUGUSTA	3,053
15	GA1570024330	ROBINS AIR FORCE BASE	WARNER ROBINS	2,877
16	GAD042869057	SHERWIN WILLIAMS CO MORROW	MORROW	2,744
17	GAD033842543	TRI STATE STEEL DRUM INC	GRAYSVILLE	2,518
18	GAD084823301	MCWHORTER TECHNOLOGIES, INC. FOREST PARK	FOREST PARK	2,215
19	GAD075876623	PPG ARCHITECTURAL FINISHES, INC.	EAST POINT	1,826
20	GAD980726491	NORAMCO	ATHENS	1,562
21	GAD984318899	PHOTOCIRCUITS CORP. - 810	PEACHTREE CITY	1,471
22	GAD003310810	GENERAL MOTORS, NAO CAR GROUP, DORAVILLE	DORAVILLE	1,427
23	GAR000017913	UGA PLANT SCIENCE FARM	BOGART	1,131
24	GA7170023694	MCLB ALBANY	ALBANY	1,116
25	GAD003275252	INTERNATIONAL PAPER CO SAVANNAH	SAVANNAH	1,098
26	GAD981269095	MCF SYSTEMS ATLANTA, INC	DECATUR	1,013
27	GAD981255276	MATSUSHITA - ULTRA TECH. BATTERY CORP.	COLUMBUS	916
28	GAD003305307	FORD MOTOR CO	HAPEVILLE	878
29	GAD981025265	THRALL CAR MANUFACTURING CARTERSVILLE	CARTERSVILLE	794
30	GAD003299526	ARIZONA CHEMICAL	VALDOSTA	738
31	GAD003274545	PRINTPAK, INC ATLANTA	ATLANTA	732
32	GA0001122159	STERLING PULP CHEMICALS	VALDOSTA	697
33	GAD008966400	AMERCORD, INC	LUMBER CITY	692
34	GAD006924872	DELTA AIRLINES, INC.	ATLANTA	677
35	GAR000004614	GUARDIAN AUTOMOTIVE - LAGRANGE MOLDING	LAGRANGE	636
36	GAD131327546	PIEDMONT LABORATORIES, INC.	GAINESVILLE	590
37	GAD095811162	PHOTOCIRCUITS CORPORATION - 350	PEACHTREE CITY	530
38	GAD981024458	SOUTH ATLANTIC GALVANIZING	CLAXTON	486
39	GAD000827873	METAL COATERS OF GEORGIA	MARIETTA	425
40	GA8570024606	LOCKHEED MARTIN AERONAUTICAL SYSTEMS	MARIETTA	383
41	GAD981238199	INDALEX ALUMINUM SOLUTIONS	GAINESVILLE	370
42	GAD087519997	THRALL CAR MANUFACTURING CO WINDER	WINDER	362
43	GAD051010429	AMREP INC.	MARIETTA	358
44	GAD003480530	SCOVILL FASTENERS INC	CLARKESVILLE	334
45	GAD045929643	THE DOW CHEMICAL COMPANY	DALTON	329
46	GAD061022216	GULFSTREAM AEROSPACE CORP.- SAVANNAH	SAVANNAH	325
47	GAD003306750	TENNECO AUTOMOTIVE	HARTWELL	315
48	GA0001038090	WAL-MART RETURN CENTER	MACON	308
49	GAD980602999	FEDERAL - MOGUL POWERTRAIN SYSTEMS	FLOWERY BRANCH	287
50	GAD080107873	TEXTRON AUTOMOTIVE CO	AMERICUS	285
Total				193,073

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

GEORGIA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	17,439	ONLY AN F CODE	26,109		
ONLY CORROSIVE	1,974	ONLY A K CODE	6,112		
ONLY REACTIVE	11	ONLY A P CODE	3,895		
ONLY D004-17	30,575	ONLY A U CODE	1,453		
ONLY D018-43	1,982				
HAS MORE THAN ONE CHARACTERISTIC CODE	57,085	HAS MORE THAN ONE LISTED CODE	1,242		
TOTAL	109,067	TOTAL	38,811	Both Characteristic and Listed	61,321

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	52,399			IGN. W/ AT LEAST 1 LSTD	52,784
HAS CORROSIVE CODE	35,591			CORR. W/ AT LEAST 1 LSTD	1,608
HAS REACTIVE CODE	49			REACT. W/ AT LEAST 1 LSTD	749
HAS D004-D017 CODE	21,074			D004-17 W/ AT LEAST 1 LSTD	10,374
HAS D018-D043 CODE	6,626			D018-43 W/ AT LEAST 1 LSTD	28,831
		HAS AN F CODE	1,058	F WASTE W/ AT LEAST 1 CHAR	60,819
		HAS A K CODE	139	K WASTE W/ AT LEAST 1 CHAR	1,064
		HAS A P CODE	70	P WASTE W/ AT LEAST 1 CHAR	213
		HAS A U CODE	1,217	U WASTE W/ AT LEAST 1 CHAR	1,715
TOTAL	57,085	TOTAL	1,242	TOTAL	61,321

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

GEORGIA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 37

7 Quantity of RCRA Hazardous Waste Managed: 82,693 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	GAD039046800	MONSANTO CO	AUGUSTA	27,352
2	GAD096629282	ONYX ENVIRONMENTAL SERVICES LLC	MORROW	21,703
3	GAD093380814	CHEM CON-GEORGIA	VALDOSTA	20,292
4	GAD003324985	MERCK & CO., INC / FLINT RIVER PLANT	ALBANY	4,220
5	GAD051011609	DSM CHEMICALS NORTH AMERICA, INC	AUGUSTA	3,200
6	GAD084823301	MCWHORTER TECHNOLOGIES, INC. FOREST PARK	FOREST PARK	2,005
7	GAD033582461	ALTERNATE ENERGY RESOURCES, INC.	AUGUSTA	1,955
8	GAD033842543	TRI STATE STEEL DRUM INC	GRAYSVILLE	1,087
9	GAD000821934	HICKSON CORP.	CONLEY	712
10	GAD070330576	GNB TECHNOLOGIES, INC.	COLUMBUS	151
11	GAD001700699	SOLUTIA, INC - AUGUSTA,GA	AUGUSTA	15
12	GAD981269095	MCF SYSTEMS ATLANTA, INC	DECATUR	0
Total				82,693

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

GEORGIA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	794	1.0	2	16.7
SOLVENTS RECOVERY	M021-M029	4,433	5.4	3	25.0
INCINERATION	M041-M049	2,007	2.4	2	16.7
ENERGY RECOVERY	M051-M059	30,552	36.9	2	16.7
FUEL BLENDING	M061	44,749	54.1	4	33.3
SLUDGE TREATMENT	M101-M109	84	0.1	2	16.7
LANDFILL	M132	73	0.1	1	8.3
		82,693	100.0	12	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	44,749	54.1	4	33.3
ENERGY RECOVERY	M051-M059	30,552	36.9	2	16.7
SOLVENTS RECOVERY	M021-M029	4,433	5.4	3	25.0
INCINERATION	M041-M049	2,007	2.4	2	16.7
METALS RECOVERY	M011-M019	794	1.0	2	16.7
SLUDGE TREATMENT	M101-M109	84	0.1	2	16.7
LANDFILL	M132	73	0.1	1	8.3
		82,693	100.0	12	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	44,749	54.1	4	33.3
SOLVENTS RECOVERY	M021-M029	4,433	5.4	3	25.0
METALS RECOVERY	M011-M019	794	1.0	2	16.7
INCINERATION	M041-M049	2,007	2.4	2	16.7
ENERGY RECOVERY	M051-M059	30,552	36.9	2	16.7
SLUDGE TREATMENT	M101-M109	84	0.1	2	16.7
LANDFILL	M132	73	0.1	1	8.3
		82,693	100.0	12	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

GEORGIA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 368

13 Quantity of RCRA Hazardous Waste Shipped: 630,345 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	GAD096629282	ONYX ENVIRONMENTAL SERVICES LLC	MORROW	502,715
2	GAD093380814	CHEM CON-GEORGIA	VALDOSTA	20,665
3	GAD070330576	GNB TECHNOLOGIES, INC.	COLUMBUS	11,269
4	GAD003324985	MERCK & CO., INC / FLINT RIVER PLANT	ALBANY	11,081
5	GAD980842975	INTERMETRO INDUSTRIES	DOUGLAS	8,369
6	GAR000006940	INTERNATIONAL FLAVORS AND FRAGRANCES	AUGUSTA	4,567
7	GAD000814541	SOUTH WIRE COPPER DIVISION	CARROLLTON	4,441
8	GAD039046800	MONSANTO CO	AUGUSTA	4,172
9	GAD004065520	HERCULES INCORPORATED	BRUNSWICK	4,135
10	GAD075942706	DELPHI ENERGY & ENGINE MANAGEMENT SYSTEM	FITZGERALD	3,893
11	GA1570024330	ROBINS AIR FORCE BASE	WARNER ROBINS	2,904
12	GAD033582461	ALTERNATE ENERGY RESOURCES, INC.	AUGUSTA	2,840
13	GAD033842543	TRI STATE STEEL DRUM INC	GRAYSVILLE	2,635
14	GAD981269095	MCF SYSTEMS ATLANTA, INC	DECATUR	2,022
15	GAD075876623	PPG ARCHITECTURAL FINISHES, INC.	EAST POINT	1,826
16	GAD980726491	NORAMCO	ATHENS	1,562
17	GAD042869057	SHERWIN WILLIAMS CO MORROW	MORROW	1,512
18	GAD003275252	INTERNATIONAL PAPER CO SAVANNAH	SAVANNAH	1,495
19	GAD984318899	PHOTOCIRCUITS CORP. - 810	PEACHTREE CITY	1,471
20	GAD003310810	GENERAL MOTORS, NAO CAR GROUP, DORAVILLE	DORAVILLE	1,427
21	GAD980842777	SAFETY-KLEEN SYSTEMS, INC-NORCROSS	NORCROSS	1,220
22	GAR000017913	UGA PLANT SCIENCE FARM	BOGART	1,131
23	GA7170023694	MCLB ALBANY	ALBANY	1,115
24	GAR000015693	GEMINI COATINGS	TOCCOA	1,053
25	GAD981255276	MATSUSHITA - ULTRA TECH. BATTERY CORP.	COLUMBUS	916
26	GAD981265424	SAFETY-KLEEN SYSTEMS, INC.-MORROW	MORROW	893
27	GAD003305307	FORD MOTOR CO	HAPEVILLE	878
28	GAD097392971	NORTHWEST AIRLINES	ATLANTA	851
29	GAD981025265	THRALL CAR MANUFACTURING CARTERSVILLE	CARTERSVILLE	794
30	GAD030059182	BIRMINGHAM SOUTHEAST LLC	CARTERSVILLE	749
31	GAD003299526	ARIZONA CHEMICAL	VALDOSTA	735
32	GA0001122159	STERLING PULP CHEMICALS	VALDOSTA	697
33	GAD008966400	AMERCORD, INC	LUMBER CITY	692
34	GAD006924872	DELTA AIRLINES, INC.	ATLANTA	658
35	GAR000004614	GUARDIAN AUTOMOTIVE - LAGRANGE MOLDING	LAGRANGE	636
36	GAD131327546	PIEDMONT LABORATORIES, INC.	GAINESVILLE	611
37	GAD095811162	PHOTOCIRCUITS CORPORATION - 350	PEACHTREE CITY	530
38	GAD981024458	SOUTH ATLANTIC GALVANIZING	CLAXTON	486
39	GAD000827873	METAL COATERS OF GEORGIA	MARIETTA	431
40	GAD000823096	SAFETY-KLEEN SYSTEMS, INC.-COLUMBUS	COLUMBUS	405
41	GA8570024606	LOCKHEED MARTIN AERONAUTICAL SYSTEMS	MARIETTA	383
42	GAD003274545	PRINTPAK, INC ATLANTA	ATLANTA	383
43	GAD000776781	SAFETY-KLEEN SYSTEMS, INC.-GARDEN CITY	GARDEN CITY	373
44	GAD051010429	AMREP INC.	MARIETTA	363
45	GAD087519997	THRALL CAR MANUFACTURING CO WINDER	WINDER	362
46	GAD981238199	INDALEX ALUMINUM SOLUTIONS	GAINESVILLE	348
47	GAD003480530	SCOVILL FASTENERS INC	CLARKESVILLE	334
48	GAD051011609	DSM CHEMICALS NORTH AMERICA, INC	AUGUSTA	331
49	GAD045929643	THE DOW CHEMICAL COMPANY	DALTON	329
50	GAD061022216	GULFSTREAM AEROSPACE CORP.- SAVANNAH	SAVANNAH	327
Total				614,015

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

GEORGIA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 11

16 Quantity of RCRA Hazardous Waste Received: 37,789 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	GAD093380814	CHEM CON-GEORGIA	VALDOSTA	20,080
2	GAD096629282	ONYX ENVIRONMENTAL SERVICES LLC	MORROW	11,680
3	GAD033842543	TRI STATE STEEL DRUM INC	GRAYSVILLE	2,024
4	GAD033582461	ALTERNATE ENERGY RESOURCES, INC.	AUGUSTA	1,742
5	GAD980842777	SAFETY-KLEEN SYSTEMS, INC-NORCROSS	NORCROSS	985
6	GAD981265424	SAFETY-KLEEN SYSTEMS, INC.-MORROW	MORROW	594
7	GAD000776781	SAFETY-KLEEN SYSTEMS, INC.-GARDEN CITY	GARDEN CITY	276
8	GAD000823096	SAFETY-KLEEN SYSTEMS, INC.-COLUMBUS	COLUMBUS	236
9	GAD980709257	SAFETY-KLEEN SYSTEMS, INC.-MACON	MACON	147
10	GAD000222083	ENSCO ENVIRONMENTAL SERVICES OF GEORGIA	DALTON	13
11	GAD073460941	UGA HAZARDOUS MATERIALS TREATMENT FAC.	ATHENS	12
Total				37,789

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

GEORGIA

1999 WASTE RECEIPTS, CONTINUED

18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	3	0.0	1	25.0
FUEL BLENDING	M061	32,540	99.8	4	100.0
LANDFILL	M132	73	0.2	1	25.0
		32,616	100.0	4	

19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	32,540	99.8	4	100.0
LANDFILL	M132	73	0.2	1	25.0
INCINERATION	M041-M049	3	0.0	1	25.0
		32,616	100.0	4	

20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	32,540	99.8	4	100.0
INCINERATION	M041-M049	3	0.0	1	25.0
LANDFILL	M132	73	0.2	1	25.0
		32,616	100.0	4	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

GEORGIA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 28,040 Tons

22 Quantity of RCRA Hazardous Waste Exported: 623,342 Tons

GUAM

1999 WASTE GENERATION

- 1 **Number of RCRA Large Quantity Generators (LQGs):** 3
- 2 **Quantity of RCRA Hazardous Waste Generated:** 696 Tons
- 3 **Fifty Largest RCRA Hazardous Waste Generators in the State, 1999**

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	GU5170022680	USNAVY PUBLIC WORKS CENTER, GUAM	COMNAVMAR	680
2	GU6571999519	USAF ANDERSEN AIR FORCE BASE	YIGO	10
3	GU7170027323	USNAVY COMVAVMARIANAS GUAM	COMNAVMAR	6
Total				696

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

GUAM

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	18	ONLY AN F CODE	173		
ONLY CORROSIVE	0	ONLY A K CODE	0		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	484	ONLY A U CODE	2		
ONLY D018-43	3				
HAS MORE THAN ONE CHARACTERISTIC CODE	15	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	521	TOTAL	175	Both Characteristic and Listed	0

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	14			IGN. W/ AT LEAST 1 LSTD	0
HAS CORROSIVE CODE	0			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	3			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	8			D004-17 W/ AT LEAST 1 LSTD	0
HAS D018-D043 CODE	8			D018-43 W/ AT LEAST 1 LSTD	0
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	0
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	0
TOTAL	15	TOTAL	0	TOTAL	0

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

GUAM

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 2

7 Quantity of RCRA Hazardous Waste Managed: 0 Tons

Table 8 has been omitted from this report because there were no facilities in Guam that reported managing RCRA hazardous waste in 1999 other than as a storage-only facility.

GUAM

1999 WASTE MANAGEMENT, CONTINUED

Tables 9, 10, and 11 have been omitted from this report because there were no facilities in Guam that reported managing RCRA hazardous waste in 1999 other than as a storage-only facility.

GUAM**1999 WASTE SHIPMENTS****12 Number of RCRA Hazardous Waste Shippers:** 3**13 Quantity of RCRA Hazardous Waste Shipped:** 705 Tons**14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999**

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	GU5170022680	USNAVY PUBLIC WORKS CENTER, GUAM	COMNAVMAR	689
2	GU6571999519	USAF ANDERSEN AIR FORCE BASE	YIGO	10
3	GU7170027323	USNAVY COMVAVMARIANAS GUAM	COMNAVMAR	6
Total				705

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

GUAM

1999 WASTE RECEIPTS

Tables 15, 16, and 17 have been omitted from this report because there were no facilities in Guam that reported receiving RCRA hazardous waste in 1999.

GUAM

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in Guam that reported receiving RCRA hazardous waste in 1999.

GUAM

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 0 Tons

22 Quantity of RCRA Hazardous Waste Exported: 653 Tons

HAWAII

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 37
- 2 Quantity of RCRA Hazardous Waste Generated: 1,456 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	HID984466649	KALAELOA COGENERATION PLANT	KAPOLEI	713
2	HI6170024339	USNAVY PEARL HARBOR SHIPYARD	PEARL HARBOR	173
3	HIT160010005	CHEVRON PRODUCTS COMPANY-HAWAII REFINERY	KAPOLEI	115
4	HI1170024334	USNAVY PWC - PEARL HARBOR NAVAL COMPLEX	PEARL HARBOR	105
5	HID981665789	SERVCO PACIFIC INC	HONOLULU	59
6	HI9170090006	USNAVY MAG. PEARL HARBOR WEST LOCH	EWA BEACH	55
7	HID056786395	TESORO HAWAII CORP. - REFINERY	KAPOLEI	53
8	HI8570028722	USAF HICKMAN AFB	HICKMAN AFB	40
9	HI6170022762	USMC BASE HAWAII	KANEOHE BAY	32
10	HI1170024326	USNAVY NAS BARBERS POINT	BARBERS POINT	19
11	HI0000005710	ICI DULUX PAINTS	HONOLULU	18
12	HI3210022239	USAG-HI SCHOFIELD BARRACKS	SCHOFIELD BARRACKS	13
13	HID087190542	UNIVERSITY OF HAWAII AT MONOA	HONOLULU	8
14	HI0170090005	USNAVY PUB WORKS CTR-MAKALAPA COMPOUND	PEARL HARBOR	6
15	HI0000449199	USNAVY PUB WORKS CTR-FORD ISLAND	PEARL HARBOR	6
16	HID981367683	HAWAIIAN COMMERCIAL AND SUGAR COMPANY	PUUNENE	6
17	HIR000041517	US NAVY KAHOLAWE ISLAND RESERVE	PEARL HARBOR	5
18	HIR000050617	USARMY TRIPLER AMC CATEGORY 500BLDGS	TRIPLER AMC	4
19	HID000631713	SHELL OIL COMPANY/ KAHULUI TERMINAL	KAHULUI	3
20	HI6170024719	USNAVY PACIFIC MISSILE RANGE FACILITY	KEKAHA (BARKING SANDS)	3
21	HID059472357	BREWER ENVIRONMENTAL INDUSTRIES	HONOLULU	2
22	HI9210022241	TRIPLER ARMY MEDICAL CENTER	TRIPLER AMC	2
23	HI6170024388	USNAVY NCTAMS PACIFIC	WAHIAWA	2
24	HID000631655	EQUILON ENTERPRISES LLC/ HONOLULU TERM	HONOLULU	2
25	HIR000050401	USNAVY FLEET INDUSTRIAL SUPPLY CTR	HONOLULU	2
26	HIR000048892	USNAVY PWC-PEARL CITY PENINSULA	PEARL CITY	2
27	HID982025561	HAWAIIAN AIRLINES INC	HONOLULU	2
28	HIR000049627	U OF HI, MANOA- WAIMANALO EXPERIMENT STA	WAIMANALO	1
29	HIT000615203	CHEVRON HONOLULU MARINE TERMINAL	HONOLULU	1
30	HI0000243618	USAG-HI SCHOFIELD BARRACKS, EAST RANGE	SCHOFIELD BARRACKS	1
31	HI8170090015	USNAVY MAGAZINE PEARL HARBOR-LUALUALEI	WAIANA	1
32	HIR000000810	STATE OF HAWAII DEPT OF HEALTH (HEER)	HONOLULU	1
33	HIR000048736	U OF HI, MANOA-MAUI AGRI RES CTR	KULA	0
34	HIR000048785	U OF HI, MANOA-NIFTAL PROJECT	PAIA	0
35	HID982493645	ALOHA HILO TERMINAL	HILO	0
36	HIR000051755	U OF HI, MANOA - MAGOON AGRICULTURE FACI	HONOLULU	0
Total				1,456

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

HAWAII

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	62	ONLY AN F CODE	69		
ONLY CORROSIVE	5	ONLY A K CODE	114		
ONLY REACTIVE	1	ONLY A P CODE	1		
ONLY D004-17	980	ONLY A U CODE	1		
ONLY D018-43	52				
HAS MORE THAN ONE CHARACTERISTIC CODE	123	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	1,222	TOTAL	185	Both Characteristic and Listed	46

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	115			IGN. W/ AT LEAST 1 LSTD	23
HAS CORROSIVE CODE	4			CORR. W/ AT LEAST 1 LSTD	1
HAS REACTIVE CODE	47			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	94			D004-17 W/ AT LEAST 1 LSTD	10
HAS D018-D043 CODE	63			D018-43 W/ AT LEAST 1 LSTD	29
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	38
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	6
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	7
TOTAL	123	TOTAL	0	TOTAL	46

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

HAWAII**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 3

7 Quantity of RCRA Hazardous Waste Managed: 156 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	HI1170024334	USNAVY PWC - PEARL HARBOR NAVAL COMPLEX	PEARL HARBOR	156
2	HI6170024339	USNAVY PEARL HARBOR SHIPYARD	PEARL HARBOR	0
Total				156

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

HAWAII

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	1	0.7	1	50.0
SOLVENTS RECOVERY	M021-M029	6	3.7	1	50.0
INCINERATION	M041-M049	4	2.3	1	50.0
FUEL BLENDING	M061	73	46.7	1	50.0
STABILIZATION	M111-M119	70	45.0	2	100.0
LANDFILL	M132	2	1.4	1	50.0
		156	100.0	2	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	73	46.7	1	50.0
STABILIZATION	M111-M119	70	45.0	2	100.0
SOLVENTS RECOVERY	M021-M029	6	3.7	1	50.0
INCINERATION	M041-M049	4	2.3	1	50.0
LANDFILL	M132	2	1.4	1	50.0
METALS RECOVERY	M011-M019	1	0.7	1	50.0
		156	100.0	2	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	70	45.0	2	100.0
METALS RECOVERY	M011-M019	1	0.7	1	50.0
SOLVENTS RECOVERY	M021-M029	6	3.7	1	50.0
INCINERATION	M041-M049	4	2.3	1	50.0
FUEL BLENDING	M061	73	46.7	1	50.0
LANDFILL	M132	2	1.4	1	50.0
		156	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

HAWAII

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 36

13 Quantity of RCRA Hazardous Waste Shipped: 704 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	HI6170024339	USNAVY PEARL HARBOR SHIPYARD	PEARL HARBOR	148
2	HIT160010005	CHEVRON PRODUCTS COMPANY-HAWAII REFINERY	KAPOLEI	115
3	HI1170024334	USNAVY PWC - PEARL HARBOR NAVAL COMPLEX	PEARL HARBOR	105
4	HID981665789	SERVCO PACIFIC INC	HONOLULU	59
5	HI9170090006	USNAVY MAG. PEARL HARBOR WEST LOCH	EWA BEACH	55
6	HID056786395	TESORO HAWAII CORP. - REFINERY	KAPOLEI	53
7	HI6170022762	USMC BASE HAWAII	KANEOHE BAY	32
8	HI8570028722	USAF HICKMAN AFB	HICKMAN AFB	28
9	HI1170024326	USNAVY NAS BARBERS POINT	BARBERS POINT	19
10	HI0000005710	ICI DULUX PAINTS	HONOLULU	18
11	HI3210022239	USAG-HI SCHOFIELD BARRACKS	SCHOFIELD BARRACKS	13
12	HID087190542	UNIVERSITY OF HAWAII AT MONOA	HONOLULU	8
13	HI0170090005	USNAVY PUB WORKS CTR-MAKALAPA COMPOUND	PEARL HARBOR	6
14	HID981367683	HAWAIIAN COMMERCIAL AND SUGAR COMPANY	PUUNENE	6
15	HI0000449199	USNAVY PUB WORKS CTR-FORD ISLAND	PEARL HARBOR	6
16	HIR000041517	US NAVY KAHO'OLAWA ISLAND RESERVE	PEARL HARBOR	5
17	HIR000050617	USARMY TRIPLER AMC CATEGORY 500BLDGS	TRIPLER AMC	4
18	HID000631713	SHELL OIL COMPANY/ KAHULUI TERMINAL	KAHULUI	3
19	HI6170024719	USNAVY PACIFIC MISSILE RANGE FACILITY	KEKAHA (BARKING SANDS)	3
20	HID059472357	BREWER ENVIRONMENTAL INDUSTRIES	HONOLULU	2
21	HI9210022241	TRIPLER ARMY MEDICAL CENTER	TRIPLER AMC	2
22	HI6170024388	USNAVY NCTAMS PACIFIC	WAHIAWA	2
23	HID000631655	EQUILON ENTERPRISES LLC/ HONOLULU TERM	HONOLULU	2
24	HIR000050401	USNAVY FLEET INDUSTRIAL SUPPLY CTR	HONOLULU	2
25	HIR000048892	USNAVY PWC-PEARL CITY PENINSULA	PEARL CITY	2
26	HIR000049627	U OF HI, MANOA- WAIMANALO EXPERIMENT STA	WAIMANALO	1
27	HIT000615203	CHEVRON HONOLULU MARINE TERMINAL	HONOLULU	1
28	HI0000243618	USAG-HI SCHOFIELD BARRACKS, EAST RANGE	SCHOFIELD BARRACKS	1
29	HID982025561	HAWAIIAN AIRLINES INC	HONOLULU	1
30	HI8170090015	USNAVY MAGAZINE PEARL HARBOR-LUALUALEI	WAIANAE	1
31	HIR000000810	STATE OF HAWAII DEPT OF HEALTH (HEER)	HONOLULU	1
32	HIR000048736	U OF HI, MANOA-MAUI AGRI RES CTR	KULA	0
33	HIR000048785	U OF HI, MANOA-NIFTAL PROJECT	PAIA	0
34	HID982493645	ALOHA HILO TERMINAL	HILO	0
35	HIR000051755	U OF HI, MANOA - MAGOON AGRICULTURE FACI	HONOLULU	0
36	HID984466649	KALAELOA COGENERATION PLANT	KAPOLEI	0
Total				704

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

HAWAII

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 1

16 Quantity of RCRA Hazardous Waste Received: 181 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	HI1170024334	USNAVY PWC - PEARL HARBOR NAVAL COMPLEX	PEARL HARBOR	181
Total				181

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

HAWAII

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	1	0.7	1	100.0
SOLVENTS RECOVERY	M021-M029	6	3.7	1	100.0
INCINERATION	M041-M049	4	2.3	1	100.0
FUEL BLENDING	M061	73	46.7	1	100.0
STABILIZATION	M111-M119	70	45.0	1	100.0
LANDFILL	M132	2	1.4	1	100.0
		156	100.0	1	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	73	46.7	1	100.0
STABILIZATION	M111-M119	70	45.0	1	100.0
SOLVENTS RECOVERY	M021-M029	6	3.7	1	100.0
INCINERATION	M041-M049	4	2.3	1	100.0
LANDFILL	M132	2	1.4	1	100.0
METALS RECOVERY	M011-M019	1	0.7	1	100.0
		156	100.0	1	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	1	0.7	1	100.0
SOLVENTS RECOVERY	M021-M029	6	3.7	1	100.0
INCINERATION	M041-M049	4	2.3	1	100.0
FUEL BLENDING	M061	73	46.7	1	100.0
STABILIZATION	M111-M119	70	45.0	1	100.0
LANDFILL	M132	2	1.4	1	100.0
		156	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

HAWAII

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 6 Tons

22 Quantity of RCRA Hazardous Waste Exported: 551 Tons

IDAHO

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 38
- 2 Quantity of RCRA Hazardous Waste Generated: 851,764 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	IDD070929518	ASTARIS IDAHO LLC (FORMER FMC CORP)	POCATELLO	846,150
2	IDD009062597	L D MCFARLAND CO	SANDPOINT	1,987
3	ID4890008952	US DOE INEEL LAB	SCOVILLE	1,247
4	IDD093120871	MICRON TECHNOLOGY INC	BOISE	583
5	IDD073114654	ENVIROSAFE SERVICES OF IDAHO INC SITE B	GRAND VIEW	396
6	IDD009066481	BLOUNT INC - CCI OPERATIONS	LEWISTON	275
7	IDR000001065	ST MARIES CREOSOTE SITE - CARNEY PRODUCT	ST MARIES	200
8	ID0000285106	HARPERS INC	POST FALLS	149
9	IDD053798104	AMERICAN MICROSYSTEMS INC (AMI)	POCATELLO	144
10	IDD980835995	ADVANCED INPUT DEVICES - PRIEST RIVER	PRIEST RIVER	96
11	IDD063334122	WOODGRAIN MILLWORK INC	FRUITLAND	87
12	ID0000309583	ZILOG MOD III - NB2	NAMPA	84
13	IDD097762231	ZILOG INC - NB1	NAMPA	49
14	IDD984669424	BLOUNT INC - SOUTHPORT OPERATION	LEWISTON	43
15	IDD000641944	CHEVRON PIPELINE COMPANY	BOISE	41
16	IDD000641977	NW TERMINALING POCATELLO	POCATELLO	41
17	IDR000003327	D & L CLEANERS	IDAHO FALLS	28
18	IDD990727471	HEWLETT-PACKARD CO	BOISE	23
19	IDD984666669	BLOUNT INC - SPEER OPERATIONS	LEWISTON	21
20	IDD113391775	IDAHO CIRCUIT TECHNOLOGY	GLENNS FERRY	15
21	IDR000000448	DOUBLE L INC	AMERICAN FALLS	14
22	ID3572124557	US AFB MOUNTAIN HOME	MOUNTAIN HOME	14
23	IDD075746271	UNIVERSITY OF IDAHO MOSCOW	MOSCOW	14
24	IDD980976831	BOISE LOCOMOTIVE CO	BOISE	10
25	IDD000466888	NU WEST INDUSTRIES INC DBA AGRIMUM	SODA SPRINGS	10
26	IDR000000406	ENVIROSAFE SERVICES OF IDAHO INC RTF	MOUNTAIN HOME	10
27	IDD009124561	J R SIMPLOT CO CALDWELL PLT	CALDWELL	7
28	IDD000602631	PACIFICORP (UTAH POWER & LIGHT)	IDAHO FALLS	7
29	IDR000002576	US EPA CLAYTON SILVER MINE	CLAYTON	6
30	IDD009061375	POTLATCH CORPORATION	LEWISTON	4
31	IDD037780186	LYNN INDUSTRIAL COATINGS INC	BOISE	4
32	IDD082846882	GREAT WESTERN CHEMICAL CO - NAMPA	NAMPA	3
33	IDR000002121	UNION PACIFIC RAILROAD PLUMMER	PLUMMER	2
34	IDR000002147	DAVIS PROPERTY - RESIDENTIAL	VICTOR	1
35	IDR000000257	YMC MICRON CONSTRUCTION SITE	BOISE	0
36	IDR000002048	IDA-TRAN FREIGHT SYSTEMS INC	MERIDIAN	0
37	IDD081830994	P4 PRODUCTION (SOLUTIA)	SODA SPRINGS	0
Total				851,764

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

IDAHO

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	179	ONLY AN F CODE	2,840		
ONLY CORROSIVE	25	ONLY A K CODE	45		
ONLY REACTIVE	175,373	ONLY A P CODE	0		
ONLY D004-17	545	ONLY A U CODE	19		
ONLY D018-43	74				
HAS MORE THAN ONE CHARACTERISTIC CODE	670,751	HAS MORE THAN ONE LISTED CODE	6		
TOTAL	846,947	TOTAL	2,910	Both Characteristic and Listed	1,907

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	167,689			IGN. W/ AT LEAST 1 LSTD	1,490
HAS CORROSIVE CODE	16			CORR. W/ AT LEAST 1 LSTD	604
HAS REACTIVE CODE	670,677			REACT. W/ AT LEAST 1 LSTD	5
HAS D004-D017 CODE	670,744			D004-17 W/ AT LEAST 1 LSTD	1,001
HAS D018-D043 CODE	55			D018-43 W/ AT LEAST 1 LSTD	228
		HAS AN F CODE	6	F WASTE W/ AT LEAST 1 CHAR	1,896
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	14
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	3
		HAS A U CODE	6	U WASTE W/ AT LEAST 1 CHAR	963
TOTAL	670,751	TOTAL	6	TOTAL	1,907

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

IDAHO

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 6

7 Quantity of RCRA Hazardous Waste Managed: 860,261 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	IDD070929518	ASTARIS IDAHO LLC (FORMER FMC CORP)	POCATELLO	704,844
2	IDD073114654	ENVIROSAFE SERVICES OF IDAHO INC SITE B	GRAND VIEW	154,780
3	ID4890008952	US DOE INEEL LAB	SCOVILLE	637
4	IDD980976831	BOISE LOCOMOTIVE CO	BOISE	1
Total				860,261

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

IDAHO

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	546	0.1	2	50.0
INCINERATION	M041-M049	92	0.0	1	25.0
SLUDGE TREATMENT	M101-M109	38	0.0	1	25.0
STABILIZATION	M111-M119	110,691	12.9	1	25.0
LANDFILL	M132	43,591	5.1	1	25.0
SURFACE IMPOUNDMENT	M133	705,304	82.0	2	50.0
		860,261	100.0	4	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SURFACE IMPOUNDMENT	M133	705,304	82.0	2	50.0
STABILIZATION	M111-M119	110,691	12.9	1	25.0
LANDFILL	M132	43,591	5.1	1	25.0
SOLVENTS RECOVERY	M021-M029	546	0.1	2	50.0
INCINERATION	M041-M049	92	0.0	1	25.0
SLUDGE TREATMENT	M101-M109	38	0.0	1	25.0
		860,261	100.0	4	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	546	0.1	2	50.0
SURFACE IMPOUNDMENT	M133	705,304	82.0	2	50.0
INCINERATION	M041-M049	92	0.0	1	25.0
SLUDGE TREATMENT	M101-M109	38	0.0	1	25.0
STABILIZATION	M111-M119	110,691	12.9	1	25.0
LANDFILL	M132	43,591	5.1	1	25.0
		860,261	100.0	4	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

IDAHO

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 37

13 Quantity of RCRA Hazardous Waste Shipped: 4,596 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	IDD009062597	L D MCFARLAND CO	SANDPOINT	1,987
2	IDD093120871	MICRON TECHNOLOGY INC	BOISE	558
3	IDD981770498	SAFETY-KLEEN SYSTEMS INC NB	BOISE	323
4	IDD009066481	BLOUNT INC - CCI OPERATIONS	LEWISTON	282
5	ID4890008952	US DOE INEEL LAB	SCOVILLE	233
6	IDR000001065	ST MARIES CREOSOTE SITE - CARNEY PRODUCT	ST MARIES	200
7	IDD053798104	AMERICAN MICROSYSTEMS INC (AMI)	POCATELLO	159
8	ID0000285106	HARPERS INC	POST FALLS	149
9	IDD070929518	ASTARIS IDAHO LLC (FORMER FMC CORP)	POCATELLO	114
10	IDD980835995	ADVANCED INPUT DEVICES - PRIEST RIVER	PRIEST RIVER	96
11	ID0000309583	ZILOG MOD III - NB2	NAMPA	88
12	IDD063334122	WOODGRAIN MILLWORK INC	FRUITLAND	55
13	IDD097762231	ZILOG INC - NB1	NAMPA	51
14	IDD000641944	CHEVRON PIPELINE COMPANY	BOISE	41
15	IDD000641977	NW TERMINALING POCATELLO	POCATELLO	41
16	IDD984669424	BLOUNT INC - SOUTHPORT OPERATION	LEWISTON	34
17	IDR000003327	D & L CLEANERS	IDAHO FALLS	28
18	IDD990727471	HEWLETT-PACKARD CO	BOISE	22
19	IDD984666669	BLOUNT INC - SPEER OPERATIONS	LEWISTON	18
20	IDD075746271	UNIVERSITY OF IDAHO MOSCOW	MOSCOW	16
21	IDD113391775	IDAHO CIRCUIT TECHNOLOGY	GLENNS FERRY	15
22	IDR000000448	DOUBLE L INC	AMERICAN FALLS	14
23	ID3572124557	US AFB MOUNTAIN HOME	MOUNTAIN HOME	14
24	IDD000466888	NU WEST INDUSTRIES INC DBA AGRUIM	SODA SPRINGS	10
25	IDR000000406	ENVIROSAFE SERVICES OF IDAHO INC RTF	MOUNTAIN HOME	10
26	IDD980976831	BOISE LOCOMOTIVE CO	BOISE	9
27	IDD009124561	J R SIMPLOT CO CALDWELL PLT	CALDWELL	7
28	IDD000602631	PACIFICORP (UTAH POWER & LIGHT)	IDAHO FALLS	7
29	IDD009061375	POTLATCH CORPORATION	LEWISTON	4
30	IDD037780186	LYNN INDUSTRIAL COATINGS INC	BOISE	4
31	IDR000002147	DAVIS PROPERTY - RESIDENTIAL	VICTOR	3
32	IDD082846882	GREAT WESTERN CHEMICAL CO - NAMPA	NAMPA	3
33	IDR000002121	UNION PACIFIC RAILROAD PLUMMER	PLUMMER	2
34	IDD073114654	ENVIROSAFE SERVICES OF IDAHO INC SITE B	GRAND VIEW	1
35	IDR000000257	YMC MICRON CONSTRUCTION SITE	BOISE	0
36	IDR000002048	IDA-TRAN FREIGHT SYSTEMS INC	MERIDIAN	0
37	IDD081830994	P4 PRODUCTION (SOLUTIA)	SODA SPRINGS	0
Total				4,596

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

IDAHO

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 3

16 Quantity of RCRA Hazardous Waste Received: 154,481 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	IDD073114654	ENVIROSAFE SERVICES OF IDAHO INC SITE B	GRAND VIEW	154,161
2	IDD981770498	SAFETY-KLEEN SYSTEMS INC NB	BOISE	235
3	ID4890008952	US DOE INEEL LAB	SCOVILLE	85
Total				154,481

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

IDAHO

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	83	0.1	1	50.0
SLUDGE TREATMENT	M101-M109	38	0.0	1	50.0
STABILIZATION	M111-M119	110,534	71.7	1	50.0
LANDFILL	M132	43,589	28.3	1	50.0
		154,244	100.0	2	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	110,534	71.7	1	50.0
LANDFILL	M132	43,589	28.3	1	50.0
INCINERATION	M041-M049	83	0.1	1	50.0
SLUDGE TREATMENT	M101-M109	38	0.0	1	50.0
		154,244	100.0	2	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	83	0.1	1	50.0
SLUDGE TREATMENT	M101-M109	38	0.0	1	50.0
STABILIZATION	M111-M119	110,534	71.7	1	50.0
LANDFILL	M132	43,589	28.3	1	50.0
		154,244	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

IDAHO

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 151,931 Tons

22 Quantity of RCRA Hazardous Waste Exported: 2,260 Tons

ILLINOIS

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 1,006
- 2 Quantity of RCRA Hazardous Waste Generated: 2,907,327 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	ILD064403199	MOBIL OIL CORP	CHANNAHON	1,195,517
2	ILD042075333	CABOT CORP	TUSCOLA	475,081
3	ILD080012305	WOOD RIVER REFINING CO	ROXANA	191,454
4	ILD006271696	OLIN BRASS & WINCHESTER INC	EAST ALTON	161,432
5	ILR000061853	GUARDIAN WEST	URBANA	105,162
6	ILD006278170	HONEYWELL INTL INC	METROPOLIS	78,017
7	ILD984832311	GATTO INDUSTRIAL PLATERS INC	CHICAGO	75,264
8	ILT180014698	PRECOAT METALS	GRANITE CITY	63,619
9	ILD000805812	PEORIA DISPOSAL CO INC	PEORIA	57,333
10	ILD005263157	NORTHWESTERN STEEL & WIRE CO	STERLING	54,703
11	ILD000781591	LTV STEEL CO	HENNEPIN	42,284
12	ILD005070537	CATERPILLAR INC	JOLIET	35,622
13	ILD980613913	SAFETY-KLEEN ENVIRONSYSTEMS CO	DOLTON	27,527
14	ILD005476882	MARATHON ASHLAND PETROLEUM LLC	ROBINSON	21,763
15	ILD005215421	QUALITY METAL FINISHING CO	BYRON	20,871
16	ILD005172325	MODERN PLATING CORP	FREEPORT	19,954
17	ILD000714881	KEYSTONE STEEL & WIRE CO	BARTONVILLE	15,462
18	ILD098642424	ONYX ENV SVCS	SAUGET	15,418
19	ILD005114665	BELMONT PLATING WORKS	FRANKLIN PARK	14,700
20	ILD980996862	BIRMINGHAM STEEL CORP KANKAKEE	BOURBONNAIS	13,542
21	ILD055409940	ABBOTT LABORATORIES	NORTH CHICAGO	13,000
22	ILD056623598	LTV STEEL-CHICAGO WKS	CHICAGO	10,167
23	ILD049813256	PRECOAT METALS	CHICAGO	9,107
24	ILD980502744	SAFETY-KLEEN CORP	PECATONICA	7,842
25	ILT180013468	NORTHERN METAL FINISHING	ROCKFORD	7,452
26	ILD006280606	LACLEDE STEEL COMPANY	ALTON	6,871
27	ILD054236443	3M COMPANY	CORDOVA	6,369
28	ILD005083316	MCWHORTER EAST -FORMER CARGILL	CARPENTERSVILLE	5,260
29	ILD003934569	NATIONAL STARCH & CHEMICAL	MEREDOSIA	5,008
30	ILD981093180	JLM CHEMICALS INC	ALSIP	4,692
31	ILD005078126	EQUISTAR CHEMICALS-TUSCOLA	TUSCOLA	4,406
32	ILD981196843	CP SYSTEMS INC	CHICAGO	4,100
33	ILD065873630	AUBURN STEEL CO - LEMONT DIV	LEMONT	3,979
34	ILD005229448	ROHM & HAAS INC	LANSING	3,861
35	ILD984778241	MANEELY, JOHN CO	CHICAGO	3,653
36	ILD005072517	AMERICAN NICKELOID CO	PERU	3,463
37	ILD070012265	EMPIRE GALVANIZING	FRANKLIN PARK	2,991
38	ILD069992014	WHEATLAND TUBE CO-CHGO DIV	CHICAGO	2,820
39	ILR000048033	CHICAGO DOT BRIDGES	CHICAGO	2,502
40	ILD005164611	KOPPERS INDUSTRIES INC	CICERO	2,414
41	ILD000716860	TOYAL AMERICA INC	LOCKPORT	2,079
42	ILD085013449	QUEBECOR WORLD-SALEM DIV	SALEM	2,064
43	ILD005203476	PFANSTIEHL LABS INC	WAUKEGAN	1,907
44	ILD005093083	LUCENT TECHNOLOGIES INC	SKOKIE	1,757
45	ILD981091291	CHICAGO SPECIALTIES LLC	CHICAGO	1,728
46	ILD087157251	ENVIRONMENTAL WASTE RESOURCES	COAL CITY	1,619
47	ILD981192552	MUELLER CO	DECATUR	1,565
48	ILD048296180	EQUISTAR CHEMICALS LP	MORRIS	1,490
49	ILD005100789	SEYMOUR OF SYCAMORE INC	SYCAMORE	1,460
50	ILD005450697	SAFETY-KLEEN CORP	CHICAGO	1,271
Total				2,811,620

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

ILLINOIS

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	136,366	ONLY AN F CODE	48,874		
ONLY CORROSIVE	196,705	ONLY A K CODE	186,111		
ONLY REACTIVE	16,962	ONLY A P CODE	74,716		
ONLY D004-17	130,613	ONLY A U CODE	4,971		
ONLY D018-43	6,831				
HAS MORE THAN ONE CHARACTERISTIC CODE	1,475,770	HAS MORE THAN ONE LISTED CODE	20,839		
TOTAL	1,963,247	TOTAL	335,510	Both Characteristic and Listed	608,232

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	1,206,874			IGN. W/ AT LEAST 1 LSTD	80,214
HAS CORROSIVE CODE	260,505			CORR. W/ AT LEAST 1 LSTD	477,581
HAS REACTIVE CODE	14,956			REACT. W/ AT LEAST 1 LSTD	28,348
HAS D004-D017 CODE	270,522			D004-17 W/ AT LEAST 1 LSTD	44,470
HAS D018-D043 CODE	1,212,118			D018-43 W/ AT LEAST 1 LSTD	27,727
		HAS AN F CODE	20,786	F WASTE W/ AT LEAST 1 CHAR	604,957
		HAS A K CODE	20,634	K WASTE W/ AT LEAST 1 CHAR	2,804
		HAS A P CODE	7,480	P WASTE W/ AT LEAST 1 CHAR	27
		HAS A U CODE	7,631	U WASTE W/ AT LEAST 1 CHAR	892
TOTAL	1,475,770	TOTAL	20,839	TOTAL	608,232

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

ILLINOIS

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 86

7 Quantity of RCRA Hazardous Waste Managed: 428,280 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	ILD000805812	PEORIA DISPOSAL CO INC	PEORIA	160,409
2	ILD980613913	SAFETY-KLEEN ENVIRONSYSTEMS CO	DOLTON	85,384
3	ILD005263157	NORTHWESTERN STEEL & WIRE CO	STERLING	53,919
4	ILD000781591	LTV STEEL CO	HENNEPIN	41,320
5	ILD098642424	ONYX ENV SVCS	SAUGET	33,648
6	ILD005476882	MARATHON ASHLAND PETROLEUM LLC	ROBINSON	20,658
7	ILD085349264	HERITAGE ENVIRONMENTAL SERVICE	LEMONT	13,683
8	ILD000608471	CLEAN HARBORS SVCS INC	CHICAGO	11,938
9	ILD005083316	MCWHORTER EAST -FORMER CARGILL	CARPENTERSVILLE	3,965
10	ILD000666206	ENVIRITE OF ILLINOIS INC	HARVEY	2,294
11	ILD006271696	OLIN BRASS & WINCHESTER INC	EAST ALTON	611
12	ILD984766279	HYDROMET ENVIRONMENTAL INC	NEWMAN	201
13	ILD005450697	SAFETY-KLEEN CORP	CHICAGO	138
14	ILD000675249	HANDY & HARMAN REFINING GROUP	VILLA PARK	112
Total				428,280

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

ILLINOIS

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	2,494	0.6	4	28.6
SOLVENTS RECOVERY	M021-M029	38,373	9.0	2	14.3
OTHER RECOVERY	M031-M039	1	0.0	2	14.3
INCINERATION	M041-M049	37,730	8.8	6	42.9
ENERGY RECOVERY	M051-M059	2,872	0.7	4	28.6
FUEL BLENDING	M061	72,233	16.9	3	21.4
STABILIZATION	M111-M119	128,114	29.9	4	28.6
LAND TREATMENT / APPLICATION / FARMING	M131	18,270	4.3	1	7.1
LANDFILL	M132	86,873	20.3	1	7.1
DEEPWELL / UNDERGROUND INJECTION	M134	41,320	9.6	1	7.1
		428,280	100.0	14	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	128,114	29.9	4	28.6
LANDFILL	M132	86,873	20.3	1	7.1
FUEL BLENDING	M061	72,233	16.9	3	21.4
DEEPWELL / UNDERGROUND INJECTION	M134	41,320	9.6	1	7.1
SOLVENTS RECOVERY	M021-M029	38,373	9.0	2	14.3
INCINERATION	M041-M049	37,730	8.8	6	42.9
LAND TREATMENT / APPLICATION / FARMING	M131	18,270	4.3	1	7.1
ENERGY RECOVERY	M051-M059	2,872	0.7	4	28.6
METALS RECOVERY	M011-M019	2,494	0.6	4	28.6
OTHER RECOVERY	M031-M039	1	0.0	2	14.3
		428,280	100.0	14	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	37,730	8.8	6	42.9
METALS RECOVERY	M011-M019	2,494	0.6	4	28.6
ENERGY RECOVERY	M051-M059	2,872	0.7	4	28.6
STABILIZATION	M111-M119	128,114	29.9	4	28.6
FUEL BLENDING	M061	72,233	16.9	3	21.4
SOLVENTS RECOVERY	M021-M029	38,373	9.0	2	14.3
OTHER RECOVERY	M031-M039	1	0.0	2	14.3
LAND TREATMENT / APPLICATION / FARMING	M131	18,270	4.3	1	7.1
LANDFILL	M132	86,873	20.3	1	7.1
DEEPWELL / UNDERGROUND INJECTION	M134	41,320	9.6	1	7.1
		428,280	100.0	14	

Note: Facilities reporting storage only and their quantity managed are excluded.

Columns may not sum due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

ILLINOIS

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 934

13 Quantity of RCRA Hazardous Waste Shipped: 318,825 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	ILD980613913	SAFETY-KLEEN ENVIRONSYSYSTEMS CO	DOLTON	29,765
2	ILD085349264	HERITAGE ENVIRONMENTAL SERVICE	LEMONT	26,028
3	ILD000608471	CLEAN HARBORS SVCS INC	CHICAGO	25,624
4	ILD098642424	ONYX ENV SVCS	SAUGET	16,623
5	ILD000714881	KEYSTONE STEEL & WIRE CO	BARTONVILLE	15,462
6	ILD980996862	BIRMINGHAM STEEL CORP KANKAKEE	BOURBONNAIS	13,542
7	ILD055409940	ABBOTT LABORATORIES	NORTH CHICAGO	12,942
8	ILD056623598	LTV STEEL-CHICAGO WKS	CHICAGO	9,561
9	ILD980502744	SAFETY-KLEEN CORP	PECATONICA	7,850
10	ILD080012305	WOOD RIVER REFINING CO	ROXANA	7,532
11	ILD006280606	LACLEDE STEEL COMPANY	ALTON	6,871
12	ILD054236443	3M COMPANY	CORDOVA	6,369
13	ILD981093180	JLM CHEMICALS INC	ALSIP	4,692
14	ILD065873630	AUBURN STEEL CO - LEMONT DIV	LEMONT	3,979
15	ILD000805911	SAFETY-KLEEN SYSTEMS INC	ELGIN	3,542
16	ILD070012265	EMPIRE GALVANIZING	FRANKLIN PARK	2,991
17	ILR000048033	CHICAGO DOT BRIDGES	CHICAGO	2,502
18	ILD005164611	KOPPERS INDUSTRIES INC	CICERO	2,395
19	ILD000716860	TOYAL AMERICA INC	LOCKPORT	2,079
20	ILD005078126	EQUISTAR CHEMICALS-TUSCOLA	TUSCOLA	2,000
21	ILD005203476	PFANSTIEHL LABS INC	WAUKEGAN	1,907
22	ILD005093083	LUCENT TECHNOLOGIES INC	SKOKIE	1,757
23	ILD981091291	CHICAGO SPECIALTIES LLC	CHICAGO	1,734
24	ILD087157251	ENVIRONMENTAL WASTE RESOURCES	COAL CITY	1,619
25	ILD981192552	MUELLER CO	DECATUR	1,565
26	ILD048296180	EQUISTAR CHEMICALS LP	MORRIS	1,490
27	ILD005229448	ROHM & HAAS INC	LANSING	1,460
28	ILD005100789	SEYMOUR OF SYCAMORE INC	SYCAMORE	1,460
29	ILD000666206	ENVIRITE OF ILLINOIS INC	HARVEY	1,438
30	ILD062480850	PHIBRO-TECH INC	JOLIET	1,380
31	ILD005083316	MCWHORTER EAST -FORMER CARGILL	CARPENTERSVILLE	1,294
32	ILD005450697	SAFETY-KLEEN CORP	CHICAGO	1,271
33	ILD051093367	SUN CHEMICAL CORP	NORTHLAKE	1,249
34	ILR000063354	REPCO DEVELOPMENT INC	CHICAGO	1,245
35	ILD005215769	COGNIS CORP KANKAKEE	KANKAKEE	1,197
36	ILD005161476	GATX TERMINALS CORP	ARGO	1,181
37	ILD984766642	ROLLPRINT PACKAGING PRODUCTS	ADDISON	1,177
38	ILD079748109	CALUMET STEEL	CHICAGO HEIGHTS	1,108
39	ILD005476882	MARATHON ASHLAND PETROLEUM LLC	ROBINSON	1,105
40	ILD043369446	ASHLAND CHEMICAL, ASHLAND OIL	CALUMET CITY	1,077
41	ILD004531927	AKZO NOBEL AEROSPACE COATINGS	WAUKEGAN	1,011
42	ILD005121033	SLOAN VALVE CO	FRANKLIN PARK	922
43	ILD981961121	NASCOTE INDUSTRIES	NASHVILLE	914
44	ILD089828016	CFC INTL INC	CHICAGO HEIGHTS	911
45	ILD980680177	CHEM PLATE IND INC	ELK GROVE VILLAGE	891
46	IL5140090221	PRIMEX TECHNOLOGIES-BDF AREA	MARION	878
47	ILD093862811	SAFETY-KLEEN CORP	PEKIN	864
48	ILD982072357	MITSUBISHI MOTOR MFG OF AMERIC	NORMAL	852
49	IL0000875583	ABLE ELECTRO POLISHING CO	CHICAGO	844
50	ILD000608992	RESOLUTION PERFORMANCE LLC	BEDFORD PARK	837
Total				238,986

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

ILLINOIS

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 17

16 Quantity of RCRA Hazardous Waste Received: 262,233 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	ILD000805812	PEORIA DISPOSAL CO INC	PEORIA	103,076
2	ILD980613913	SAFETY-KLEEN ENVIRONSYSTEMS CO	DOLTON	61,309
3	ILD098642424	ONYX ENV SVCS	SAUGET	33,648
4	ILD000608471	CLEAN HARBORS SVCS INC	CHICAGO	20,338
5	ILD085349264	HERITAGE ENVIRONMENTAL SERVICE	LEMONT	16,771
6	ILD980502744	SAFETY-KLEEN CORP	PECATONICA	14,343
7	ILD000666206	ENVIRITE OF ILLINOIS INC	HARVEY	3,519
8	ILD005450697	SAFETY-KLEEN CORP	CHICAGO	3,446
9	ILD000805911	SAFETY-KLEEN SYSTEMS INC	ELGIN	2,595
10	ILD093862811	SAFETY-KLEEN CORP	PEKIN	691
11	ILD062480850	PHIBRO-TECH INC	JOLIET	573
12	ILD981097819	SAFETY-KLEEN CORP	CASEYVILLE	470
13	ILD000716894	AMERICAN WASTE PROCESSING LTD	MAYWOOD	458
14	ILD981088388	SAFETY-KLEEN CORP	URBANA	353
15	ILD074424938	DETREX CORP-SOLVENT & ENV SVC	MELROSE PARK	296
16	IL8143609487	PRIMEX TECHNOLOGIES-AREA 13	MARION	260
17	ILD000675249	HANDY & HARMAN REFINING GROUP	VILLA PARK	90
Total				262,233

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

ILLINOIS

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	2,271	1.0	3	37.5
SOLVENTS RECOVERY	M021-M029	38,373	17.2	2	25.0
OTHER RECOVERY	M031-M039	1	0.0	2	25.0
INCINERATION	M041-M049	33,700	15.1	4	50.0
ENERGY RECOVERY	M051-M059	484	0.2	3	37.5
FUEL BLENDING	M061	44,706	20.1	3	37.5
STABILIZATION	M111-M119	73,536	33.0	1	12.5
LANDFILL	M132	29,540	13.3	1	12.5
		222,612	100.0	8	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	73,536	33.0	1	12.5
FUEL BLENDING	M061	44,706	20.1	3	37.5
SOLVENTS RECOVERY	M021-M029	38,373	17.2	2	25.0
INCINERATION	M041-M049	33,700	15.1	4	50.0
LANDFILL	M132	29,540	13.3	1	12.5
METALS RECOVERY	M011-M019	2,271	1.0	3	37.5
ENERGY RECOVERY	M051-M059	484	0.2	3	37.5
OTHER RECOVERY	M031-M039	1	0.0	2	25.0
		222,612	100.0	8	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	33,700	15.1	4	50.0
METALS RECOVERY	M011-M019	2,271	1.0	3	37.5
ENERGY RECOVERY	M051-M059	484	0.2	3	37.5
FUEL BLENDING	M061	44,706	20.1	3	37.5
SOLVENTS RECOVERY	M021-M029	38,373	17.2	2	25.0
OTHER RECOVERY	M031-M039	1	0.0	2	25.0
STABILIZATION	M111-M119	73,536	33.0	1	12.5
LANDFILL	M132	29,540	13.3	1	12.5
		222,612	100.0	8	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

ILLINOIS

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 184,690 Tons

22 Quantity of RCRA Hazardous Waste Exported: 227,746 Tons

INDIANA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 586
- 2 Quantity of RCRA Hazardous Waste Generated: 984,895 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	IND003913423	BETHLEHEM STEEL CORP., BURNS HARBOR DIV.	BURNS HARBOR	370,379
2	IND000810861	AMOCO OIL COMPANY - LAKEFRONT	WHITING	100,825
3	IND093219012	HERITAGE ENVIRONMENTAL SVC - INDY	INDIANAPOLIS	86,243
4	IND016584641	MIDWEST STEEL DIV	PORTAGE	77,274
5	IND181157009	NUCOR STEEL	CRAWFORDSVILLE	54,255
6	INR000001099	STEEL DYNAMICS, INC.	BUTLER	54,133
7	IND000717959	GENERAL BATTERY/EXIDE CORP	MUNCIE	49,774
8	IND006376362	GENERAL ELECTRIC PLASTICS	MT VERNON	21,071
9	IND006050967	ELI LILLY - TIPPECANOE	LAFAYETTE	13,131
10	IND000807107	REILLY INDUSTRIES, INC	INDIANAPOLIS	12,520
11	IND093220861	AVESTA SHEFFIELD PLATE INC.	NEW CASTLE	8,911
12	IND077042034	SAFETY KLEEN OIL RECOVERY COMPANY	EAST CHICAGO	8,596
13	IND000199653	QUEMETCO, INC.	INDIANAPOLIS	8,433
14	IND005159199	ISPAT INLAND INC	EAST CHICAGO	7,041
15	IND984904466	BETA STEEL CORPORATION	PORTAGE	6,816
16	IND000780403	RECLAIMED ENERGY CO., INC.	CONNERSVILLE	5,846
17	IND072040348	ELI LILLY - CLINTON	CLINTON	5,822
18	IND005444062	U.S. STEEL-GARY WORKS	GARY	3,804
19	IND984894287	I/N KOTE	NEW CARLISLE	3,774
20	IND980590947	MILLENNIUM ENVIRONMENTAL INC	SOUTH BEND	3,258
21	INR000012120	QUALITECH STEEL SBQ LLC	PITTSBORO	3,162
22	IND005146683	FORD METER BOX CO INC	WABASH	2,608
23	IN4170023499	NAVAL AIR WARFARE CTR CARETAKER	INDIANAPOLIS	2,325
24	IND005461520	DURA AUTO SYS INC. BUTLER JACK OPER	BUTLER	2,310
25	IND980501936	HERMASEAL CO	ELKHART	2,298
26	IND042080614	ACCRA PAC, INC.	ELKHART	2,138
27	IND006366819	ALCOA WARRICK OPERATIONS	NEWBURGH	2,061
28	IND000806935	ELI LILLY TECHNOLOGY CENTER	INDIANAPOLIS	1,983
29	IND087032611	DAIMLER CHRYSLER FOUNDRY	INDIANAPOLIS	1,894
30	IND041855776	GK TECH/INDIANA STEEL & WIRE	MUNCIE	1,628
31	IND005081955	GLOBE VALVE DIVISION	DELPHI	1,556
32	IND980700801	GUIDE CORPORATION	ANDERSON	1,518
33	INR000018234	TRICO PIPELINE OF LAKETON REFINING CORP.	NEW PARIS	1,325
34	IND005478094	ALCOA- LAFAYETTE	LAFAYETTE	1,197
35	IND006061477	RAYBESTOS PRODUCTS CO	CRAWFORDSVILLE	1,186
36	IND000806851	DELPHI DELCO ELECTRONICS SYSTEMS - BYPAS	KOKOMO	1,075
37	IND984874776	SAFETY-KLEEN SYSTEMS, INC. - JOHNSON CO	GREENWOOD	1,039
38	IN5170023498	CRANE DIV., NAVAL SURFACE WARFARE CENTER	CRANE	1,035
39	IND020424396	FLINT INK	NEW ALBANY	1,028
40	IND115304594	GMTG FORT WAYNE ASSEMBLY	ROANOKE	1,008
41	IND009223728	PRINTPACK, INC.	GREENSBURG	986
42	IND006040117	LILLY INDUSTRIES, INC. (USA) MARION	INDIANAPOLIS	986
43	IND000715573	COPELAND CORP	RUSHVILLE	984
44	INT190010371	ELI LILLY - MATERIALS RESEARCH	INDIANAPOLIS	971
45	IND990873499	RED SPOT PAINT & VARNISH CO	EVANSVILLE	960
46	IND984866491	SUBARU ISUZU AUTOMOTIVE	LAFAYETTE	951
47	IND098138936	DELTA FAUCET	GREENSBURG	941
48	IND005081542	ESSROC CEMENT INC	LOGANSPORT	925
49	IND005447537	SLATER STEELS	FORT WAYNE	904
50	IND006049456	MID CITY PLATING CO., INC.	MUNCIE	900
Total				945,786

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

INDIANA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	9,016	ONLY AN F CODE	36,979		
ONLY CORROSIVE	1,913	ONLY A K CODE	272,284		
ONLY REACTIVE	37	ONLY A P CODE	7		
ONLY D004-17	75,984	ONLY A U CODE	556		
ONLY D018-43	1,400				
HAS MORE THAN ONE CHARACTERISTIC CODE	346,172	HAS MORE THAN ONE LISTED CODE	88,416		
TOTAL	434,523	TOTAL	398,242	Both Characteristic and Listed	152,064

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	6,500			IGN. W/ AT LEAST 1 LSTD	51,536
HAS CORROSIVE CODE	11,683			CORR. W/ AT LEAST 1 LSTD	16,633
HAS REACTIVE CODE	8,867			REACT. W/ AT LEAST 1 LSTD	813
HAS D004-D017 CODE	332,575			D004-17 W/ AT LEAST 1 LSTD	80,217
HAS D018-D043 CODE	333,548			D018-43 W/ AT LEAST 1 LSTD	64,762
		HAS AN F CODE	88,416	F WASTE W/ AT LEAST 1 CHAR	62,805
		HAS A K CODE	87,165	K WASTE W/ AT LEAST 1 CHAR	99,085
		HAS A P CODE	86,196	P WASTE W/ AT LEAST 1 CHAR	128
		HAS A U CODE	87,448	U WASTE W/ AT LEAST 1 CHAR	17,100
TOTAL	346,172	TOTAL	88,416	TOTAL	152,064

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

INDIANA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 30

7 Quantity of RCRA Hazardous Waste Managed: 1,187,981 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	IND003913423	BETHLEHEM STEEL CORP., BURNS HARBOR DIV.	BURNS HARBOR	370,009
2	IND000199653	QUEMETCO, INC.	INDIANAPOLIS	159,724
3	IND980503890	HERITAGE ENVIRONMENTAL SVC - ROACHDALE	ROACHDALE	128,153
4	IND000810861	AMOCO OIL COMPANY - LAKEFRONT	WHITING	99,157
5	IND006419212	LONE STAR ALTERNATE FUELS	GREENCASTLE	78,403
6	IND016584641	MIDWEST STEEL DIV	PORTAGE	77,160
7	IND005081542	ESSROC CEMENT INC	LOGANSPOUT	76,456
8	IND000717959	GENERAL BATTERY/EXIDE CORP	MUNCIE	48,400
9	IND000646943	POLLUTION CONTROL INDUSTRIES, INC.	EAST CHICAGO	32,750
10	IND093219012	HERITAGE ENVIRONMENTAL SVC - INDY	INDIANAPOLIS	27,252
11	IND001859032	RHODIA INC.	HAMMOND	22,974
12	IND006376362	GENERAL ELECTRIC PLASTICS	MT VERNON	20,743
13	IND072040348	ELI LILLY - CLINTON	CLINTON	14,796
14	IND000780403	RECLAIMED ENERGY CO., INC.	CONNERSVILLE	11,436
15	IND000807107	REILLY INDUSTRIES, INC	INDIANAPOLIS	11,034
16	IND006050967	ELI LILLY - TIPPECANOE	LAFAYETTE	6,998
17	IND980590947	MILLENNIUM ENVIRONMENTAL INC	SOUTH BEND	1,853
18	IND085616837	DETREX CORP., SOLVENT & ENV. SERV.	INDIANAPOLIS	671
19	IND072051394	PURDUE UNIVERSITY LMSB	WEST LAFAYETTE	9
20	IND077042034	SAFETY KLEEN OIL RECOVERY COMPANY	EAST CHICAGO	4
Total				1,187,981

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

INDIANA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	208,436	17.5	3	15.0
SOLVENTS RECOVERY	M021-M029	10,390	0.9	2	10.0
OTHER RECOVERY	M031-M039	384	0.0	3	15.0
INCINERATION	M041-M049	121,563	10.2	4	20.0
ENERGY RECOVERY	M051-M059	209,003	17.6	6	30.0
FUEL BLENDING	M061	40,951	3.4	4	20.0
STABILIZATION	M111-M119	21,934	1.8	1	5.0
LANDFILL	M132	144,759	12.2	2	10.0
DEEPWELL / UNDERGROUND INJECTION	M134	430,563	36.2	2	10.0
		1,187,981	100.0	20	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
DEEPWELL / UNDERGROUND INJECTION	M134	430,563	36.2	2	10.0
ENERGY RECOVERY	M051-M059	209,003	17.6	6	30.0
METALS RECOVERY	M011-M019	208,436	17.5	3	15.0
LANDFILL	M132	144,759	12.2	2	10.0
INCINERATION	M041-M049	121,563	10.2	4	20.0
FUEL BLENDING	M061	40,951	3.4	4	20.0
STABILIZATION	M111-M119	21,934	1.8	1	5.0
SOLVENTS RECOVERY	M021-M029	10,390	0.9	2	10.0
OTHER RECOVERY	M031-M039	384	0.0	3	15.0
		1,187,981	100.0	20	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	209,003	17.6	6	30.0
INCINERATION	M041-M049	121,563	10.2	4	20.0
FUEL BLENDING	M061	40,951	3.4	4	20.0
METALS RECOVERY	M011-M019	208,436	17.5	3	15.0
OTHER RECOVERY	M031-M039	384	0.0	3	15.0
SOLVENTS RECOVERY	M021-M029	10,390	0.9	2	10.0
LANDFILL	M132	144,759	12.2	2	10.0
DEEPWELL / UNDERGROUND INJECTION	M134	430,563	36.2	2	10.0
STABILIZATION	M111-M119	21,934	1.8	1	5.0
		1,187,981	100.0	20	

Note: Facilities reporting storage only and their quantity managed are excluded.

Columns may not sum due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

INDIANA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 552

13 Quantity of RCRA Hazardous Waste Shipped: 388,730 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	IND093219012	HERITAGE ENVIRONMENTAL SVC - INDY	INDIANAPOLIS	104,723
2	INR000001099	STEEL DYNAMICS, INC.	BUTLER	54,134
3	IND181157009	NUCOR STEEL	CRAWFORDSVILLE	53,254
4	IND000646943	POLLUTION CONTROL INDUSTRIES, INC.	EAST CHICAGO	43,179
5	IND077042034	SAFETY KLEEN OIL RECOVERY COMPANY	EAST CHICAGO	8,596
6	IND005159199	ISPAT INLAND INC	EAST CHICAGO	7,041
7	IND984904466	BETA STEEL CORPORATION	PORTAGE	6,816
8	IND000717959	GENERAL BATTERY/EXIDE CORP	MUNCIE	6,802
9	IND006050967	ELI LILLY - TIPPECANOE	LAFAYETTE	6,279
10	IND000780403	RECLAIMED ENERGY CO., INC.	CONNERSVILLE	6,232
11	IND000199653	QUEMETCO, INC.	INDIANAPOLIS	3,940
12	IND005444062	U.S. STEEL-GARY WORKS	GARY	3,804
13	IND984894287	I/N KOTE	NEW CARLISLE	3,774
14	INR000012120	QUALITECH STEEL SBQ LLC	PITTSBORO	3,162
15	IND980590947	MILLENNIUM ENVIRONMENTAL INC	SOUTH BEND	3,004
16	IN4170023499	NAVAL AIR WARFARE CTR CARETAKER	INDIANAPOLIS	2,325
17	IND005461520	DURA AUTO SYS INC. BUTLER JACK OPER	BUTLER	2,310
18	IND006366819	ALCOA WARRICK OPERATIONS	NEWBURGH	2,061
19	IND000806935	ELI LILLY TECHNOLOGY CENTER	INDIANAPOLIS	1,982
20	IND042080614	ACCRA PAC, INC.	ELKHART	1,922
21	IND087032611	DAIMLER CHRYSLER FOUNDRY	INDIANAPOLIS	1,894
22	IND000810861	AMOCO OIL COMPANY - LAKEFRONT	WHITING	1,648
23	IND980700801	GUIDE CORPORATION	ANDERSON	1,518
24	INR000018234	TRICO PIPELINE OF LAKETON REFINING CORP.	NEW PARIS	1,325
25	IND093220861	AVESTA SHEFFIELD PLATE INC.	NEW CASTLE	1,124
26	IND000806851	DELPHI DELCO ELECTRONICS SYSTEMS - BYPAS	KOKOMO	1,083
27	IND000807107	REILLY INDUSTRIES, INC	INDIANAPOLIS	1,071
28	IND006061477	RAYBESTOS PRODUCTS CO	CRAWFORDSVILLE	1,039
29	IND984874776	SAFETY-KLEEN SYSTEMS, INC. - JOHNSON CO	GREENWOOD	1,039
30	IN5170023498	CRANE DIV., NAVAL SURFACE WARFARE CENTER	CRANE	1,032
31	IND020424396	FLINT INK	NEW ALBANY	1,028
32	IND115304594	GMTG FORT WAYNE ASSEMBLY	ROANOKE	1,008
33	IND000715573	COPELAND CORP	RUSHVILLE	984
34	INT190010371	ELI LILLY - MATERIALS RESEARCH	INDIANAPOLIS	971
35	IND990873499	RED SPOT PAINT & VARNISH CO	EVANSVILLE	960
36	IND984866491	SUBARU ISUZU AUTOMOTIVE	LAFAYETTE	951
37	IND005081542	ESSROC CEMENT INC	LOGANSPOUT	949
38	IND098138936	DELTA FAUCET	GREENSBURG	942
39	IND005447537	SLATER STEELS	FORT WAYNE	904
40	IND006049456	MID CITY PLATING CO., INC.	MUNCIE	899
41	IND981955859	H H SUMCO INC	INDIANAPOLIS	863
42	IND000715474	SAFETY-KLEEN SYSTEMS, INC. - ST. JOSEPH	SOUTH BEND	856
43	IND006034300	BEMIS CO INC	TERRE HAUTE	826
44	INR000006213	TOYOTA MOTOR MFG, INC. - INDIANA	PRINCETON	780
45	IND092043595	ATLAS CHEM-MILLING	ELKHART	744
46	IND990873606	ARVIN ROLL COATER - KINGSBURY	KINGSBURY	656
47	IND072040348	ELI LILLY - CLINTON	CLINTON	648
48	IND006421549	CITIZENS GAS & COKE UTILITY	INDIANAPOLIS	611
49	IND981528631	SPECTRONICS INC	EVANSVILLE	611
50	IND000715466	SAFETY - KLEEN SYSTEMS, INC. - ALLEN	FT. WAYNE	608
Total				354,913

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

INDIANA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 17

16 Quantity of RCRA Hazardous Waste Received: 560,586 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	IND000199653	QUEMETCO, INC.	INDIANAPOLIS	155,231
2	IND980503890	HERITAGE ENVIRONMENTAL SVC - ROACHDALE	ROACHDALE	128,153
3	IND006419212	LONE STAR ALTERNATE FUELS	GREENCASTLE	78,391
4	IND005081542	ESSROC CEMENT INC	LOGANSFORT	76,381
5	IND000646943	POLLUTION CONTROL INDUSTRIES, INC.	EAST CHICAGO	39,312
6	IND093219012	HERITAGE ENVIRONMENTAL SVC - INDY	INDIANAPOLIS	30,008
7	IND001859032	RHODIA INC.	HAMMOND	22,974
8	IND000780403	RECLAIMED ENERGY CO., INC.	CONNERSVILLE	11,737
9	IND072040348	ELI LILLY - CLINTON	CLINTON	9,622
10	IND000717959	GENERAL BATTERY/EXIDE CORP	MUNCIE	5,428
11	IND980590947	MILLENNIUM ENVIRONMENTAL INC	SOUTH BEND	1,989
12	IND085616837	DETREX CORP., SOLVENT & ENV. SERV.	INDIANAPOLIS	671
13	IND016627333	VAN WATERS & ROGERS INC	SOUTH BEND	232
14	IND016621476	ASHLAND DISTRIBUTION CO - SOUTH BEND	SOUTH BEND	177
15	IND006050967	ELI LILLY - TIPPECANOE	LAFAYETTE	147
16	IND040295347	VAN WATERS & ROGERS, INC	INDIANAPOLIS	129
17	IND077042034	SAFETY KLEEN OIL RECOVERY COMPANY	EAST CHICAGO	4
Total				560,586

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

INDIANA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	160,936	29.2	3	21.4
SOLVENTS RECOVERY	M021-M029	10,390	1.9	2	14.3
OTHER RECOVERY	M031-M039	374	0.1	2	14.3
INCINERATION	M041-M049	10,381	1.9	3	21.4
ENERGY RECOVERY	M051-M059	177,138	32.2	4	28.6
FUEL BLENDING	M061	40,949	7.4	4	28.6
STABILIZATION	M111-M119	21,934	4.0	1	7.1
LANDFILL	M132	128,153	23.3	1	7.1
		550,255	100.0	14	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	177,138	32.2	4	28.6
METALS RECOVERY	M011-M019	160,936	29.2	3	21.4
LANDFILL	M132	128,153	23.3	1	7.1
FUEL BLENDING	M061	40,949	7.4	4	28.6
STABILIZATION	M111-M119	21,934	4.0	1	7.1
SOLVENTS RECOVERY	M021-M029	10,390	1.9	2	14.3
INCINERATION	M041-M049	10,381	1.9	3	21.4
OTHER RECOVERY	M031-M039	374	0.1	2	14.3
		550,255	100.0	14	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	177,138	32.2	4	28.6
FUEL BLENDING	M061	40,949	7.4	4	28.6
METALS RECOVERY	M011-M019	160,936	29.2	3	21.4
INCINERATION	M041-M049	10,381	1.9	3	21.4
SOLVENTS RECOVERY	M021-M029	10,390	1.9	2	14.3
OTHER RECOVERY	M031-M039	374	0.1	2	14.3
STABILIZATION	M111-M119	21,934	4.0	1	7.1
LANDFILL	M132	128,153	23.3	1	7.1
		550,255	100.0	14	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

INDIANA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 221,180 Tons

22 Quantity of RCRA Hazardous Waste Exported: 190,766 Tons

IOWA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 188
- 2 Quantity of RCRA Hazardous Waste Generated: 46,828 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	IAR000000216	IPSCO STEEL INC	MUSCATINE	19,313
2	IAD000223354	NORTH STAR STEEL IOWA	WILTON	5,333
3	IAD045372836	EQUISTAR CHEMICALS LP	CLINTON	2,469
4	IAD984591891	SALSBURY CHEMICALS INC	CHARLES CITY	2,204
5	IAD005272398	E.I. DU PONT DE NEMOURS AND COMPANY	FORT MADISON	2,017
6	IAD005273594	MONSANTO COMPANY	MUSCATINE	1,597
7	IAD075846824	3M KNOXVILLE	KNOXVILLE	1,133
8	IAD000805143	FEDERAL-MOGUL CORP	BURLINGTON	869
9	IAD001818327	PECHINEY PLASTIC PACKAGING INC	DES MOINES	653
10	IAD000830018	DEXTER CO	FAIRFIELD	581
11	IAD980688717	A Y MCDONALD MFG CO	DUBUQUE	514
12	IAD005278502	PELLA CORP	PELLA	484
13	IAR000002899	ROHM & HAAS - ETFAA	MUSCATINE	438
14	IAD007276728	VOGEL PAINT & WAX CO INC	ORANGE CITY	415
15	IAD065205056	ROCKWELL COLLINS INC	CEDAR RAPIDS	407
16	IAD069619765	EXIDE CORP	MANCHESTER	344
17	IAD005274071	VERMEER MFG CO	PELLA	320
18	IAD069624500	DEERE, JOHN, DES MOINES WORKS	ANKENY	304
19	IAD000829911	HON CO-OAK STEEL PLT	MUSCATINE	299
20	IAD022047112	CRYOVAC DIV. SEALED AIR CORP.	CEDAR RAPIDS	223
21	IAD981506934	OMEGA CABINETS	WATERLOO	214
22	IAR000004762	CARGILL NUTRI-PRODUCTS INC	EDDYVILLE	211
23	IAD005300751	WINNEBAGO IND INC	FOREST CITY	210
24	IAD050691617	REXAM RELEASE	IOWA CITY	203
25	IAD096526108	GLACIER VANDERVELL INC.	ATLANTIC	183
26	IAD078096732	COLOR CONVERTING INDUSTRIES CO	DES MOINES	181
27	IAD005145941	CLOW VALVE CO FOUNDRY	OSKALOOSA	175
28	IAD981504780	SIOUXLAND GALVANIZING	SIOUX CITY	174
29	IAD981506298	PURETHANE INCORPORATED	WEST BRANCH	167
30	IAD981711617	ALLSTEEL MUSCATINE COMPONENTS PLT	MUSCATINE	166
31	IAD005267745	SHEAFFER PEN CORP	FT MADISON	164
32	IA7213820445	IOWA ARMY AMMUNITION PLANT	MIDDLETOWN	163
33	IAT200010098	IOWA PAINT MFG CO INC	DES MOINES	150
34	IAD022096028	R.V. HOPKINS INC	DAVENPORT	142
35	IAT200011096	WELLBORN INDUSTRIES LTD	MASON CITY	142
36	IAD041580721	VISKASE CORP	CENTERVILLE	139
37	IAD078039880	FMC CORP AG CHEM DIV	SERGEANT BLUFF	133
38	IAD087267175	EXIDE CORP	BURLINGTON	123
39	IAD073489288	INDUSTRIAL LAMINATES NORPLEX	POSTVILLE	112
40	IAD005285689	MAYTAG APPLIANCES PLANT 2	NEWTON	111
41	IAR000005710	AMERICAN PACKAGING CORP. - FP&L	STORY CITY	109
42	IAD000156422	IOWA STEEL AND WIRE CO.	CENTERVILLE	108
43	IAR000003137	THAN/HARCROS DES MOINES	PLEASANT HILL	107
44	IAD049474380	CRANE CO	WASHINGTON	104
45	IAD006537237	LEAR CORP	IOWA CITY	87
46	IAD115075475	GRAND LABORATORIES	LARCHWOOD	84
47	IAD053737532	CAMCAR/TEXTRON DECORAH OPER	DECORAH	81
48	IAT200010999	TITAN-WHEEL CORP OF IOWA	WALCOTT	79
49	IAD057920605	CEDARAPIDS INC	CEDAR RAPIDS	78
50	IAD089570063	BARTON SOLVENTS INC	COUNCIL BLUFFS	75
Total				44,094

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

IOWA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	2,978	ONLY AN F CODE	1,393		
ONLY CORROSIVE	717	ONLY A K CODE	26,079		
ONLY REACTIVE	23	ONLY A P CODE	195		
ONLY D004-17	4,716	ONLY A U CODE	154		
ONLY D018-43	1,255				
HAS MORE THAN ONE CHARACTERISTIC CODE	2,318	HAS MORE THAN ONE LISTED CODE	12		
TOTAL	12,008	TOTAL	27,834	Both Characteristic and Listed	6,981

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	1,893			IGN. W/ AT LEAST 1 LSTD	6,213
HAS CORROSIVE CODE	1,791			CORR. W/ AT LEAST 1 LSTD	1,408
HAS REACTIVE CODE	1,408			REACT. W/ AT LEAST 1 LSTD	106
HAS D004-D017 CODE	1,926			D004-17 W/ AT LEAST 1 LSTD	2,707
HAS D018-D043 CODE	1,869			D018-43 W/ AT LEAST 1 LSTD	4,609
		HAS AN F CODE	12	F WASTE W/ AT LEAST 1 CHAR	6,721
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	192
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	21
		HAS A U CODE	12	U WASTE W/ AT LEAST 1 CHAR	1,963
TOTAL	2,318	TOTAL	12	TOTAL	6,981

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

IOWA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 26

7 Quantity of RCRA Hazardous Waste Managed: 1,389 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	IAD005273594	MONSANTO COMPANY	MUSCATINE	1,377
2	IAT200010999	TITAN-WHEEL CORP OF IOWA	WALCOTT	11
3	IA7213820445	IOWA ARMY AMMUNITION PLANT	MIDDLETOWN	1
Total				1,389

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

IOWA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	1	0.1	1	33.3
SOLVENTS RECOVERY	M021-M029	11	0.8	1	33.3
INCINERATION	M041-M049	1,377	99.1	1	33.3
ENERGY RECOVERY	M051-M059	0	0.0	1	33.3
		1,389	100.0	3	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	1,377	99.1	1	33.3
SOLVENTS RECOVERY	M021-M029	11	0.8	1	33.3
METALS RECOVERY	M011-M019	1	0.1	1	33.3
ENERGY RECOVERY	M051-M059	0	0.0	1	33.3
		1,389	100.0	3	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	1	0.1	1	33.3
SOLVENTS RECOVERY	M021-M029	11	0.8	1	33.3
INCINERATION	M041-M049	1,377	99.1	1	33.3
ENERGY RECOVERY	M051-M059	0	0.0	1	33.3
		1,389	100.0	3	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

IOWA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 183

13 Quantity of RCRA Hazardous Waste Shipped: 46,294 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	IAR000000216	IPSCO STEEL INC	MUSCATINE	19,313
2	IAD000223354	NORTH STAR STEEL IOWA	WILTON	5,333
3	IAD045372836	EQUISTAR CHEMICALS LP	CLINTON	2,469
4	IAD984591891	SALSBURY CHEMICALS INC	CHARLES CITY	2,187
5	IAD005272398	E.I. DU PONT DE NEMOURS AND COMPANY	FORT MADISON	2,017
6	IAD075846824	3M KNOXVILLE	KNOXVILLE	1,133
7	IAD098027592	SAFETY-KLEENS SYSTEMS, INC.	DAVENPORT	880
8	IAD000805143	FEDERAL-MOGUL CORP	BURLINGTON	869
9	IAD981718000	SAFETY-KLEEN SYSTEMS, INC.	DES MOINES	633
10	IAD001818327	PECHINEY PLASTIC PACKAGING INC	DES MOINES	613
11	IAD000830018	DEXTER CO	FAIRFIELD	581
12	IAD980688717	A Y MCDONALD MFG CO	DUBUQUE	514
13	IAD005278502	PELLA CORP	PELLA	484
14	IAR000002899	ROHM & HAAS - ETFAA	MUSCATINE	438
15	IAD007276728	VOGEL PAINT & WAX CO INC	ORANGE CITY	415
16	IAD069619765	EXIDE CORP	MANCHESTER	344
17	IAD069624500	DEERE, JOHN, DES MOINES WORKS	ANKENY	302
18	IAD000829911	HON CO-OAK STEEL PLT	MUSCATINE	299
19	IAD022047112	CRYOVAC DIV. SEALED AIR CORP.	CEDAR RAPIDS	223
20	IAD005273594	MONSANTO COMPANY	MUSCATINE	221
21	IAD981506934	OMEGA CABINETS	WATERLOO	214
22	IAR000004762	CARGILL NUTRI-PRODUCTS INC	EDDYVILLE	211
23	IAD005300751	WINNEBAGO IND INC	FOREST CITY	210
24	IAD050691617	REXAM RELEASE	IOWA CITY	199
25	IAD078096732	COLOR CONVERTING INDUSTRIES CO	DES MOINES	181
26	IAD005145941	CLOW VALVE CO FOUNDRY	OSKALOOSA	175
27	IAD981504780	SIOUXLAND GALVANIZING	SIOUX CITY	174
28	IAD096526108	GLACIER VANDERVELL INC.	ATLANTIC	171
29	IAD981506298	PURETHANE INCORPORATED	WEST BRANCH	167
30	IAD981711617	ALLSTEEL MUSCATINE COMPONENTS PLT	MUSCATINE	166
31	IAD005267745	SHEAFFER PEN CORP	FT MADISON	164
32	IA7213820445	IOWA ARMY AMMUNITION PLANT	MIDDLETOWN	162
33	IAD022096028	R.V. HOPKINS INC	DAVENPORT	146
34	IAT200011096	WELLBORN INDUSTRIES LTD	MASON CITY	142
35	IAD078039880	FMC CORP AG CHEM DIV	SERGEANT BLUFF	133
36	IAD041580721	VISKASE CORP	CENTERVILLE	123
37	IAD005274071	VERMEER MFG CO	PELLA	119
38	IAD087267175	EXIDE CORP	BURLINGTON	114
39	IAD073489288	INDUSTRIAL LAMINATES NORPLEX	POSTVILLE	112
40	IAD005285689	MAYTAG APPLIANCES PLANT 2	NEWTON	111
41	IAR000005710	AMERICAN PACKAGING CORP. - FP&L	STORY CITY	109
42	IAD000156422	IOWA STEEL AND WIRE CO.	CENTERVILLE	108
43	IAR000003137	THAN/HARCROS DES MOINES	PLEASANT HILL	107
44	IAD049474380	CRANE CO	WASHINGTON	104
45	IAD065205056	ROCKWELL COLLINS INC	CEDAR RAPIDS	93
46	IAD006537237	LEAR CORP	IOWA CITY	90
47	IAD115075475	GRAND LABORATORIES	LARCHWOOD	84
48	IAD053737532	CAMCAR/TEXTRON DECORAH OPER	DECORAH	81
49	IAD057920605	CEDARAPIDS INC	CEDAR RAPIDS	78
50	IAD089570063	BARTON SOLVENTS INC	COUNCIL BLUFFS	75
Total				43,390

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

IOWA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 5

16 Quantity of RCRA Hazardous Waste Received: 1,075 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	IAD098027592	SAFETY-KLEENS SYSTEMS, INC.	DAVENPORT	552
2	IAD981718000	SAFETY-KLEEN SYSTEMS, INC.	DES MOINES	429
3	IAT200010924	UNIVERSITY OF IOWA OAKDALE	OAKDALE	56
4	IAT200010601	ISU CHEMICAL WASTE HANDLING FAC	AMES	37
5	IAD005289806	DEERE, JOHN WATERLOO WORKS	WATERLOO	0
Total				1,075

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

IOWA

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the State of Iowa that reported receiving RCRA hazardous waste in 1999 other than as a storage-only facility.

IOWA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 193 Tons

22 Quantity of RCRA Hazardous Waste Exported: 46,077 Tons

KANSAS

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 224
- 2 Quantity of RCRA Hazardous Waste Generated: 1,594,119 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	KSD007482029	VULCAN MATERIALS COMPANY	WICHITA	1,504,006
2	KSD980854285	JAYHAWK FINE CHEMICALS CORP	GALENA	27,178
3	KSD007249980	ELF ATOCHEM NORTH AMERICA, INC.	WICHITA	15,482
4	KSD981506025	SAFETY-KLEEN (COFFEYVILLE), INC.	COFFEYVILLE	9,361
5	KSP000000804	BNSF WELLINGTON TIE PLANT	WELLINGTON	8,900
6	KSD007237241	THE BOEING COMPANY - WICHITA	WICHITA	6,187
7	KSD007233422	FRONTIER ELDORADO REFINING CO	ELDORADO	5,276
8	KS3213820878	SUNFLOWER ARMY AMMUNITION PLANT	DE SOTO	2,788
9	KSD007145956	NATIONAL COOPERATIVE REFINERY ASSOC	MCPHERSON	1,472
10	KSD007237746	AIR PRODUCTS MFG CORP	HAYSVILLE	1,023
11	KSD056577810	SHERWIN WILLIAMS CO THE	ANDOVER	909
12	KSD007482011	RAYTHEON AIRCRAFT COMPANY	WICHITA	759
13	KSD981126253	GMC FAIRFAX ASSEMBLY PLT	KANSAS CITY	716
14	KSD007138605	FARMLAND INDUSTRIES, INC.	COFFEYVILLE	442
15	KSD000809673	CESSNA AIRCRAFT - MID-CONTINENT FACILITY	WICHITA	435
16	KSD000651307	CERTAINTED CORP - PLANT #7	KANSAS CITY	433
17	KSD980687958	WILKO PAINT INC	WICHITA	423
18	KSD073314593	EXIDE CORP	SALINA	397
19	KSD007124506	FMC - LAWRENCE, KANSAS	LAWRENCE	350
20	KSD984967372	UNIVERSAL ENGRAVING INC	OVERLAND PARK	331
21	KSD981126832	KENDALL PKG PITTSBURG DIV	PITTSBURG	304
22	KSD007234313	LEARJET INC	WICHITA	284
23	KSD007246846	SAFETY-KLEEN WICHITA - NEW YORK	WICHITA	233
24	KSD007145907	DELPHI-E OLATHE, KS	OLATHE	227
25	KSR000001743	API FOILS, INC	LAWRENCE	225
26	KSD042387142	PRESTIGE INC	NEODESHA	204
27	KSD062721956	PACKAGING PRODUCTS CORP	MISSION	200
28	KSD981713522	MERIDAN AUTOMOTIVE SYS INC	KANSAS CITY	191
29	KS6214020756	MILITARY INSTALLATION FT RILEY	FORT RILEY	182
30	KSD087418695	TOTAL PETROLEUM INC	ARKANSAS CITY	176
31	KSD007127046	PERMATEx INC	KANSAS CITY	171
32	KSD981711260	PLASTIC PACKAGING CORP	KANSAS CITY	158
33	KSD000687541	CHASE TERMINAL CO	GREAT BEND	152
34	KSD058924689	GNB TECHNOLOGIES INC	KANSAS CITY	150
35	KSP000000822	ALIDA PEARL CO-OP	CHAPMAN	143
36	KSD000203711	PQ CORPORATTION KANSAS CITY	KANSAS CITY	138
37	KS0000205856	FIBERGLASS ENGINEERING INC	NEODESHA	137
38	KSD007233596	CESSNA AIRCRAFT - PAWNEE FACILITY	WICHITA	129
39	KSD000829846	COASTAL REFINING & MARKETING CO	ELDORADO	128
40	KSD980633259	SYSTECH FREDONIA	FREDONIA	128
41	KSR000005033	ITW DYMON	OLATHE	104
42	KSD000680447	S.T. SERVICES	SALINA	101
43	KSD073323081	AIR CAPITOL PLATING INC	WICHITA	98
44	KSD000819086	PUEBLO CHEMICAL & SUPPLY CO	GARDEN CITY	91
45	KSR000001404	KC COATINGS	SHAWNEE	90
46	KST210010203	CHASE TRANSP CO	EL DORADO	90
47	KSD007129695	THE GOODYEAR TIRE & RUBBER COMPANY	TOPEKA	71
48	KS0213820467	KANSAS ARMY AMMUNITION PLANT	PARSONS	71
49	KSD096537857	BARTON SOLVENTS INC - VC	VALLEY CENTER	67
50	KS4213720499	FORT LEAVENWORTH PERMITTED FAC	FORT LEAVENWORTH	64
Total				1,591,375

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

KANSAS**1999 WASTE GENERATION, CONTINUED****4 Quantities of Waste Generated in 1999 That Were:**

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	919	ONLY AN F CODE	9,419		
ONLY CORROSIVE	28,211	ONLY A K CODE	6,605		
ONLY REACTIVE	24	ONLY A P CODE	93		
ONLY D004-17	5,969	ONLY A U CODE	147		
ONLY D018-43	469				
HAS MORE THAN ONE CHARACTERISTIC CODE	16,827	HAS MORE THAN ONE LISTED CODE	240		
TOTAL	52,418	TOTAL	16,504	Both Characteristic and Listed	1,525,179

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	928			IGN. W/ AT LEAST 1 LSTD	16,813
HAS CORROSIVE CODE	15,788			CORR. W/ AT LEAST 1 LSTD	10,059
HAS REACTIVE CODE	185			REACT. W/ AT LEAST 1 LSTD	8,875
HAS D004-D017 CODE	1,062			D004-17 W/ AT LEAST 1 LSTD	1,520,324
HAS D018-D043 CODE	16,079			D018-43 W/ AT LEAST 1 LSTD	1,518,772
		HAS AN F CODE	240	F WASTE W/ AT LEAST 1 CHAR	1,524,691
		HAS A K CODE	228	K WASTE W/ AT LEAST 1 CHAR	9,922
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	9,421
		HAS A U CODE	12	U WASTE W/ AT LEAST 1 CHAR	1,515,487
TOTAL	16,827	TOTAL	240	TOTAL	1,525,179

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

KANSAS**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 24

7 Quantity of RCRA Hazardous Waste Managed: 2,278,712 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	KSD007482029	VULCAN MATERIALS COMPANY	WICHITA	2,128,899
2	KSD980633259	SYSTECH FREDONIA	FREDONIA	82,037
3	KSD031203318	ASH GROVE CEMENT COMPANY	CHANUTE	58,762
4	KSD981506025	SAFETY-KLEEN (COFFEYVILLE), INC.	COFFEYVILLE	8,837
5	KSD000809715	VAN WATERS & ROGERS INC	WICHITA	177
6	KSD007148034	LAFARGE CORP - FREDONIA PLANT	FREDONIA	1
Total				2,278,712

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

KANSAS

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	37	0.0	1	16.7
INCINERATION	M041-M049	8,801	0.4	1	16.7
ENERGY RECOVERY	M051-M059	58,762	2.6	2	33.3
FUEL BLENDING	M061	82,214	3.6	2	33.3
DEEPWELL / UNDERGROUND INJECTION	M134	2,128,899	93.4	1	16.7
		2,278,712	100.0	6	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
DEEPWELL / UNDERGROUND INJECTION	M134	2,128,899	93.4	1	16.7
FUEL BLENDING	M061	82,214	3.6	2	33.3
ENERGY RECOVERY	M051-M059	58,762	2.6	2	33.3
INCINERATION	M041-M049	8,801	0.4	1	16.7
SOLVENTS RECOVERY	M021-M029	37	0.0	1	16.7
		2,278,712	100.0	6	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	58,762	2.6	2	33.3
FUEL BLENDING	M061	82,214	3.6	2	33.3
SOLVENTS RECOVERY	M021-M029	37	0.0	1	16.7
INCINERATION	M041-M049	8,801	0.4	1	16.7
DEEPWELL / UNDERGROUND INJECTION	M134	2,128,899	93.4	1	16.7
		2,278,712	100.0	6	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

KANSAS

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 212

13 Quantity of RCRA Hazardous Waste Shipped: 429,109 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	KSD007124506	FMC - LAWRENCE, KANSAS	LAWRENCE	258,870
2	KSD980633259	SYSTECH FREDONIA	FREDONIA	85,845
3	KSD980854285	JAYHAWK FINE CHEMICALS CORP	GALENA	26,451
4	KSD007249980	ELF ATOCHEM NORTH AMERICA, INC.	WICHITA	15,482
5	KSD981506025	SAFETY-KLEEN (COFFEYVILLE), INC.	COFFEYVILLE	9,358
6	KSD007246846	SAFETY-KLEEN WICHITA - NEW YORK	WICHITA	7,180
7	KSD007237241	THE BOEING COMPANY - WICHITA	WICHITA	6,210
8	KS3213820878	SUNFLOWER ARMY AMMUNITION PLANT	DE SOTO	2,788
9	KSD070902952	CHEMICAL WASTE MANAGEMENT	VALLEY CENTER	1,481
10	KSD056577810	SHERWIN WILLIAMS CO THE	ANDOVER	909
11	KSP000000804	BNSF WELLINGTON TIE PLANT	WELLINGTON	900
12	KSD980973515	SAFETY-KLEEN SYSTEMS, INC. EDWARDSVILLE	EDWARDSVILLE	829
13	KSD000809723	SAFETY-KLEEN SYSTEMS, INC. - S. ANNA	WICHITA	788
14	KSD007482011	RAYTHEON AIRCRAFT COMPANY	WICHITA	754
15	KSD981126253	GMC FAIRFAX ASSEMBLY PLT	KANSAS CITY	716
16	KSD007233422	FRONTIER ELDORADO REFINING CO	ELDORADO	581
17	KSD007482029	VULCAN MATERIALS COMPANY	WICHITA	457
18	KSD000651307	CERTAINTEED CORP - PLANT #7	KANSAS CITY	450
19	KSD007138605	FARMLAND INDUSTRIES, INC.	COFFEYVILLE	442
20	KSD000809673	CESSNA AIRCRAFT - MID-CONTINENT FACILITY	WICHITA	433
21	KSD073314593	EXIDE CORP	SALINA	397
22	KSD980687958	WILKO PAINT INC	WICHITA	371
23	KSD096537857	BARTON SOLVENTS INC - VC	VALLEY CENTER	358
24	KSD007145956	NATIONAL COOPERATIVE REFINERY ASSOC	MCPHERSON	345
25	KSD981126832	KENDALL PKG PITTSBURG DIV	PITTSBURG	304
26	KSD980686844	SAFETY-KLEEN SYSTEMS, INC - DODGE CITY	DODGE CITY	287
27	KSD007234313	LEARJET INC	WICHITA	284
28	KSD007145907	DELPHI-E OLATHE, KS	OLATHE	227
29	KSD981713522	MERIDAN AUTOMOTIVE SYS INC	KANSAS CITY	191
30	KS6214020756	MILITARY INSTALLATION FT RILEY	FORT RILEY	182
31	KSD000809715	VAN WATERS & ROGERS INC	WICHITA	177
32	KSD087418695	TOTAL PETROLEUM INC	ARKANSAS CITY	176
33	KSD007127046	PERMATEX INC	KANSAS CITY	164
34	KSD000687541	CHASE TERMINAL CO	GREAT BEND	152
35	KSD981711260	PLASTIC PACKAGING CORP	KANSAS CITY	151
36	KSD058924689	GNB TECHNOLOGIES INC	KANSAS CITY	150
37	KSR000001743	API FOILS, INC	LAWRENCE	147
38	KSP000000822	ALIDA PEARL CO-OP	CHAPMAN	143
39	KSD000203711	PQ CORPORATTION KANSAS CITY	KANSAS CITY	138
40	KS0213820467	KANSAS ARMY AMMUNITION PLANT	PARSONS	137
41	KSD062721956	PACKAGING PRODUCTS CORP	MISSION	135
42	KSD000829846	COASTAL REFINING & MARKETING CO	ELDORADO	128
43	KSD007233596	CESSNA AIRCRAFT - PAWNEE FACILITY	WICHITA	118
44	KSR000005033	ITW DYMON	OLATHE	104
45	KSD000680447	S.T. SERVICES	SALINA	101
46	KSD042387142	PRESTIGE INC	NEODESHA	96
47	KSD000819086	PUEBLO CHEMICAL & SUPPLY CO	GARDEN CITY	92
48	KSD073323081	AIR CAPITOL PLATING INC	WICHITA	91
49	KSR000001404	KC COATINGS	SHAWNEE	90
50	KST210010203	CHASE TRANSP CO	EL DORADO	90
Total				426,448

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

KANSAS

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 10

16 Quantity of RCRA Hazardous Waste Received: 307,722 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	KSD007482029	VULCAN MATERIALS COMPANY	WICHITA	151,258
2	KSD980633259	SYSTECH FREDONIA	FREDONIA	82,037
3	KSD031203318	ASH GROVE CEMENT COMPANY	CHANUTE	58,726
4	KSD981506025	SAFETY-KLEEN (COFFEYVILLE), INC.	COFFEYVILLE	8,330
5	KSD007246846	SAFETY-KLEEN WICHITA - NEW YORK	WICHITA	5,842
6	KSD980973515	SAFETY-KLEEN SYSTEMS, INC. EDWARDSVILLE	EDWARDSVILLE	593
7	KSD000809723	SAFETY-KLEEN SYSTEMS, INC. - S. ANNA	WICHITA	411
8	KSD980686844	SAFETY-KLEEN SYSTEMS, INC - DODGE CITY	DODGE CITY	245
9	KSD000809715	VAN WATERS & ROGERS INC	WICHITA	177
10	KSD057889313	ASHLAND DISTRIBUTION CO	KANSAS CITY	102
Total				307,722

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

KANSAS

1999 WASTE RECEIPTS, CONTINUED

18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	8,330	2.8	1	20.0
ENERGY RECOVERY	M051-M059	58,726	19.5	1	20.0
FUEL BLENDING	M061	82,214	27.4	2	40.0
DEEPWELL / UNDERGROUND INJECTION	M134	151,258	50.3	1	20.0
		300,528	100.0	5	

19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
DEEPWELL / UNDERGROUND INJECTION	M134	151,258	50.3	1	20.0
FUEL BLENDING	M061	82,214	27.4	2	40.0
ENERGY RECOVERY	M051-M059	58,726	19.5	1	20.0
INCINERATION	M041-M049	8,330	2.8	1	20.0
		300,528	100.0	5	

20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	82,214	27.4	2	40.0
INCINERATION	M041-M049	8,330	2.8	1	20.0
ENERGY RECOVERY	M051-M059	58,726	19.5	1	20.0
DEEPWELL / UNDERGROUND INJECTION	M134	151,258	50.3	1	20.0
		300,528	100.0	5	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

KANSAS

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 149,016 Tons

22 Quantity of RCRA Hazardous Waste Exported: 322,274 Tons

KENTUCKY

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 340
- 2 Quantity of RCRA Hazardous Waste Generated: 214,842 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	KYD053348108	SAFETY-KLEEN SYSTEMS, INC	SMITHFIELD	56,084
2	KYD985115237	GALLATIN STEEL COMPANY	WARSAW	27,113
3	KYD006390017	ROHM & HAAS COMPANY	LOUISVILLE	16,866
4	KYD088438817	LWD, INC.	CALVERT CITY	15,870
5	KYD041376138	CATLETTSBURG REFINING, LLC	CATLETTSBURG	12,751
6	KYD991277112	NEWPORT STEEL CORPORATION	WILDER	11,686
7	KYD094203213	QUEBECOR PRINTING FRANKLIN	FRANKLIN	8,254
8	KYD049062375	NSA - A DIVISION OF SOUTHWIRE COMPANY	HAWESVILLE	3,801
9	KYR000004994	DUPONT DOW ELASTOMERS L.L.C.	LOUISVILLE	3,616
10	KYD000207282	KENTUCKY ELECTRIC STEEL	ASHLAND	3,488
11	KYD006370159	ELF ATOCHEM NORTH AMERICA, INC.	CALVERT CITY	3,258
12	KYD161955380	TOYOTA MOTOR MANUFACTURING, KY., INC.	GEORGETOWN	3,201
13	KYD006373922	ELF ATOCHEM NORTH AMERICA	CARROLLTON	2,976
14	KYD985073196	LWD, INC.	CALVERT CITY	2,890
15	KYD082390394	SHERWIN-WILLIAMS AUTOMOTIVE FINISHES	RICHMOND	2,694
16	KY5170024173	NAVAL ORDNANCE STATION	LOUISVILLE	2,404
17	KYD985079797	BEKAERT CORPORATION	SHELBYVILLE	2,009
18	KYD006370175	ISP CHEMICALS INC.	CALVERT CITY	1,738
19	KYD042943985	DOW CORNING CORPORATION	CARROLLTON	1,417
20	KYD071315899	FORD MOTOR COMPANY LOUISVILLE ASSEMBLY	LOUISVILLE	1,059
21	KYD053350229	VANDERBILT CHEMICAL CORPORATION	MURRAY	1,030
22	KYD044914356	YKK-UNIVERSAL FASTENERS INC.	LAWRENCEBURG	959
23	KYD070814033	AKZO NOBEL RESINS	LOUISVILLE	881
24	KYD981027469	SAFETY-KLEEN INC	LEXINGTON	880
25	KYR000011718	GUARDIAN AUTOMOTIVE MOREHEAD PLANT	MOREHEAD	855
26	KYD981753197	AMBRAKE CORPORATION	ELIZABETHTOWN	809
27	KYD066051913	INTERPLASTIC CORPORATION	FORT WRIGHT	806
28	KYD006396246	ARCH CHEMICALS, INC.	BRANDENBURG	757
29	KYD062951801	GREEN RIVER STEEL CORPORATION	OWENSBORO	731
30	KYD058692526	ALCAN INGOT, SEBREE ALUMINUM PLANT	HENDERSON	722
31	KYD070219571	YUASA INC.	RICHMOND	704
32	KYD049064017	KEN-DEC, INC.	HORSE CAVE	640
33	KYD062979158	KENDALL-POLYKEN DBA TYCO ADHESIVES	FRANKLIN	610
34	KYD005009923	CALGON CARBON CORPORATION	CATLETTSBURG	604
35	KYD058691031	COMMONWEALTH ALUMINUM LEWISPORT, INC.	LEWISPORT	585
36	KYD053351227	FORD MOTOR CO. - KY TRUCK PLANT	LOUISVILLE	579
37	KYD985072008	WESTLAKE MONOMERS & WESTLAKE CA&O CORP.	CALVERT CITY	563
38	KYD981753155	VMV ENTERPRISES	PADUCAH	523
39	KYD006382253	PPG ARCHITECTURAL FINISHES, INC.	LOUISVILLE	485
40	KYD981029457	DURA AUTOMOTIVE SYSTEMS, INC.	FULTON	461
41	KYD066899766	ATR WIRE & CABLE CO., INC.	DANVILLE	454
42	KYD006395644	PHILIPS LIGHTING COMPANY	DANVILLE	447
43	KYD981027451	SAFETY-KLEEN SYSTEMS INC	ASHLAND	443
44	KYD000622993	GENERAL MOTORS CORPORATION NAO GROUP	BOWLING GREEN	433
45	KYD006375737	LEXMARK INTERNATIONAL INC	LEXINGTON	432
46	KYD005013032	AK STEEL - COKE PLANT	ASHLAND	425
47	KYD055831838	AIR PRODUCTS & CHEMICALS, INC.	CALVERT CITY	411
48	KYD005383385	GAMCO PRODUCTS COMPANY	HENDERSON	408
49	KYD980837777	BLUE GRASS PLATING CO., INC.	RICHMOND	405
50	KYD985072156	ARVIN ROLL COATER, INC.	HAWESVILLE	395
Total				201,614

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

KENTUCKY

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	7,369	ONLY AN F CODE	29,004		
ONLY CORROSIVE	676	ONLY A K CODE	47,714		
ONLY REACTIVE	74	ONLY A P CODE	0		
ONLY D004-17	5,251	ONLY A U CODE	140		
ONLY D018-43	2,383				
HAS MORE THAN ONE CHARACTERISTIC CODE	36,647	HAS MORE THAN ONE LISTED CODE	3		
TOTAL	52,400	TOTAL	76,861	Both Characteristic and Listed	85,566

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	22,378			IGN. W/ AT LEAST 1 LSTD	74,280
HAS CORROSIVE CODE	10,521			CORR. W/ AT LEAST 1 LSTD	2,274
HAS REACTIVE CODE	1,553			REACT. W/ AT LEAST 1 LSTD	39
HAS D004-D017 CODE	31,827			D004-17 W/ AT LEAST 1 LSTD	15,556
HAS D018-D043 CODE	8,136			D018-43 W/ AT LEAST 1 LSTD	11,339
		HAS AN F CODE	3	F WASTE W/ AT LEAST 1 CHAR	75,035
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	10,042
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	2
		HAS A U CODE	3	U WASTE W/ AT LEAST 1 CHAR	526
TOTAL	36,647	TOTAL	3	TOTAL	85,566

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

KENTUCKY

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 27

7 Quantity of RCRA Hazardous Waste Managed: 92,897 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	KYD088438817	LWD, INC.	CALVERT CITY	32,671
2	KYD053348108	SAFETY-KLEEN SYSTEMS, INC	SMITHFIELD	24,789
3	KYD006390017	ROHM & HAAS COMPANY	LOUISVILLE	15,060
4	KYD005009923	CALGON CARBON CORPORATION	CATLETTSBURG	11,967
5	KYD985073196	LWD, INC.	CALVERT CITY	3,004
6	KYD006373922	ELF ATOCHEM NORTH AMERICA	CARROLLTON	2,549
7	KYD006370159	ELF ATOCHEM NORTH AMERICA, INC.	CALVERT CITY	2,423
8	KYD981027451	SAFETY-KLEEN SYSTEMS INC	ASHLAND	411
9	KY6210020479	USAARMC & FT. KNOX	FORT KNOX	15
10	KY8890008982	US DOE PADUCAH GASEOUS DIFFUSION PLANT	WEST PADUCAH	7
11	KYD981027469	SAFETY-KLEEN INC	LEXINGTON	1
Total				92,897

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

KENTUCKY

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	15	0.0	2	18.2
SOLVENTS RECOVERY	M021-M029	527	0.6	2	18.2
OTHER RECOVERY	M031-M039	11,967	12.9	1	9.1
INCINERATION	M041-M049	37,643	40.5	3	27.3
ENERGY RECOVERY	M051-M059	15,060	16.2	1	9.1
FUEL BLENDING	M061	24,693	26.6	3	27.3
STABILIZATION	M111-M119	2,992	3.2	2	18.2
		92,897	100.0	11	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	37,643	40.5	3	27.3
FUEL BLENDING	M061	24,693	26.6	3	27.3
ENERGY RECOVERY	M051-M059	15,060	16.2	1	9.1
OTHER RECOVERY	M031-M039	11,967	12.9	1	9.1
STABILIZATION	M111-M119	2,992	3.2	2	18.2
SOLVENTS RECOVERY	M021-M029	527	0.6	2	18.2
METALS RECOVERY	M011-M019	15	0.0	2	18.2
		92,897	100.0	11	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	37,643	40.5	3	27.3
FUEL BLENDING	M061	24,693	26.6	3	27.3
METALS RECOVERY	M011-M019	15	0.0	2	18.2
SOLVENTS RECOVERY	M021-M029	527	0.6	2	18.2
STABILIZATION	M111-M119	2,992	3.2	2	18.2
OTHER RECOVERY	M031-M039	11,967	12.9	1	9.1
ENERGY RECOVERY	M051-M059	15,060	16.2	1	9.1
		92,897	100.0	11	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

KENTUCKY

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 321

13 Quantity of RCRA Hazardous Waste Shipped: 194,989 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	KYD053348108	SAFETY-KLEEN SYSTEMS, INC	SMITHFIELD	56,242
2	KYD985115237	GALLATIN STEEL COMPANY	WARSAW	27,113
3	KYD088438817	LWD, INC.	CALVERT CITY	22,981
4	KYD991277112	NEWPORT STEEL CORPORATION	WILDER	11,686
5	KYD985073196	LWD, INC.	CALVERT CITY	11,303
6	KYD041376138	CATLETTSBURG REFINING, LLC	CATLETTSBURG	6,356
7	KYD049062375	NSA - A DIVISION OF SOUTHWIRE COMPANY	HAWESVILLE	3,781
8	KYR000004994	DUPONT DOW ELASTOMERS L.L.C.	LOUISVILLE	3,616
9	KYD000207282	KENTUCKY ELECTRIC STEEL	ASHLAND	3,488
10	KYD161955380	TOYOTA MOTOR MANUFACTURING, KY., INC.	GEORGETOWN	3,201
11	KYD082390394	SHERWIN-WILLIAMS AUTOMOTIVE FINISHES	RICHMOND	2,694
12	KY5170024173	NAVAL ORDNANCE STATION	LOUISVILLE	2,402
13	KYD985079797	BEKAERT CORPORATION	SHELBYVILLE	2,009
14	KYD006370175	ISP CHEMICALS INC.	CALVERT CITY	1,738
15	KYD042943985	DOW CORNING CORPORATION	CARROLLTON	1,395
16	KYD071315899	FORD MOTOR COMPANY LOUISVILLE ASSEMBLY	LOUISVILLE	1,059
17	KYD053350229	VANDERBILT CHEMICAL CORPORATION	MURRAY	1,030
18	KYD044914356	YKK-UNIVERSAL FASTENERS INC.	LAWRENCEBURG	957
19	KYD981027469	SAFETY-KLEEN INC	LEXINGTON	908
20	KYD070814033	AKZO NOBEL RESINS	LOUISVILLE	881
21	KYD006370159	ELF ATOCHEM NORTH AMERICA, INC.	CALVERT CITY	857
22	KYR000011718	GUARDIAN AUTOMOTIVE MOREHEAD PLANT	MOREHEAD	855
23	KYD005013032	AK STEEL - COKE PLANT	ASHLAND	850
24	KYD000821942	MIDWEST ENVIRONMENTAL SERVICES, INC.	LOUISVILLE	826
25	KYD055831838	AIR PRODUCTS & CHEMICALS, INC.	CALVERT CITY	822
26	KYD981753197	AMBRAKE CORPORATION	ELIZABETHTOWN	809
27	KYD066051913	INTERPLASTIC CORPORATION	FORT WRIGHT	806
28	KYD006396246	ARCH CHEMICALS, INC.	BRANDENBURG	757
29	KYD062951801	GREEN RIVER STEEL CORPORATION	OWENSBORO	731
30	KYD058692526	ALCAN INGOT, SEBREE ALUMINUM PLANT	HENDERSON	722
31	KYD070219571	YUASA INC.	RICHMOND	704
32	KYD049064017	KEN-DEC, INC.	HORSE CAVE	640
33	KYD062979158	KENDALL-POLYKEN DBA TYCO ADHESIVES	FRANKLIN	610
34	KYD005009923	CALGON CARBON CORPORATION	CATLETTSBURG	604
35	KYD058691031	COMMONWEALTH ALUMINUM LEWISPORT, INC.	LEWISPORT	585
36	KYD053351227	FORD MOTOR CO. - KY TRUCK PLANT	LOUISVILLE	579
37	KYD985072008	WESTLAKE MONOMERS & WESTLAKE CA&O CORP.	CALVERT CITY	563
38	KYD006382253	PPG ARCHITECTURAL FINISHES, INC.	LOUISVILLE	485
39	KYD006373922	ELF ATOCHEM NORTH AMERICA	CARROLLTON	466
40	KYD981029457	DURA AUTOMOTIVE SYSTEMS, INC.	FULTON	461
41	KYD066899766	ATR WIRE & CABLE CO., INC.	DANVILLE	454
42	KYD006395644	PHILIPS LIGHTING COMPANY	DANVILLE	447
43	KYD000622993	GENERAL MOTORS CORPORATION NAO GROUP	BOWLING GREEN	433
44	KYD006375737	LEXMARK INTERNATIONAL INC	LEXINGTON	432
45	KYD981027451	SAFETY-KLEEN SYSTEMS INC	ASHLAND	428
46	KYD005383385	GAMCO PRODUCTS COMPANY	HENDERSON	408
47	KYD980837777	BLUE GRASS PLATING CO., INC.	RICHMOND	405
48	KYD985072156	ARVIN ROLL COATER, INC.	HAWESVILLE	395
49	KYR000011619	PITTSBURGH TUBE COMPANY-ADCON DIVISION	HOPKINSVILLE	390
50	KYD055832091	BORDEN CHEMICAL, INC.	LOUISVILLE	327
Total				182,693

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

KENTUCKY

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 10

16 Quantity of RCRA Hazardous Waste Received: 92,274 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	KYD088438817	LWD, INC.	CALVERT CITY	33,340
2	KYD053348108	SAFETY-KLEEN SYSTEMS, INC	SMITHFIELD	33,236
3	KYD985073196	LWD, INC.	CALVERT CITY	12,804
4	KYD005009923	CALGON CARBON CORPORATION	CATLETTSBURG	11,967
5	KYD000821942	MIDWEST ENVIRONMENTAL SERVICES, INC.	LOUISVILLE	857
6	KYD006390017	ROHM & HAAS COMPANY	LOUISVILLE	59
7	KY8890008982	US DOE PADUCAH GASEOUS DIFFUSION PLANT	WEST PADUCAH	7
8	KY0001012012	UNIVERSITY OF LOUISVILLE - EPSC	LOUISVILLE	3
9	KYD981027469	SAFETY-KLEEN INC	LEXINGTON	0
10	KYD981027451	SAFETY-KLEEN SYSTEMS INC	ASHLAND	0
Total				92,274

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

KENTUCKY

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	14.3
SOLVENTS RECOVERY	M021-M029	116	0.2	1	14.3
OTHER RECOVERY	M031-M039	11,967	16.5	1	14.3
INCINERATION	M041-M049	32,671	45.1	1	14.3
ENERGY RECOVERY	M051-M059	59	0.1	1	14.3
FUEL BLENDING	M061	24,673	34.0	1	14.3
STABILIZATION	M111-M119	2,992	4.1	2	28.6
		72,478	100.0	7	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	32,671	45.1	1	14.3
FUEL BLENDING	M061	24,673	34.0	1	14.3
OTHER RECOVERY	M031-M039	11,967	16.5	1	14.3
STABILIZATION	M111-M119	2,992	4.1	2	28.6
SOLVENTS RECOVERY	M021-M029	116	0.2	1	14.3
ENERGY RECOVERY	M051-M059	59	0.1	1	14.3
METALS RECOVERY	M011-M019	0	0.0	1	14.3
		72,478	100.0	7	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	2,992	4.1	2	28.6
METALS RECOVERY	M011-M019	0	0.0	1	14.3
SOLVENTS RECOVERY	M021-M029	116	0.2	1	14.3
OTHER RECOVERY	M031-M039	11,967	16.5	1	14.3
INCINERATION	M041-M049	32,671	45.1	1	14.3
ENERGY RECOVERY	M051-M059	59	0.1	1	14.3
FUEL BLENDING	M061	24,673	34.0	1	14.3
		72,478	100.0	7	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

KENTUCKY

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 68,838 Tons

22 Quantity of RCRA Hazardous Waste Exported: 171,374 Tons

LOUISIANA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 440
- 2 Quantity of RCRA Hazardous Waste Generated: 4,351,245 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	LAD008213191	RUBICON INC.	GEISMAR	1,761,129
2	LAD008175390	CYTEC INDUSTRIES INC.	WAGGAMAN	1,550,974
3	LAD001890367	E. I. DUPONT DE NEMOURS & CO., INC.	LAPLACE	227,444
4	LAD086478047	CONDEA VISTA/GEORGIA GULF	WESTLAKE	181,119
5	LAD000777201	CHEMICAL WASTE MANAGEMENT	SULPHUR	143,662
6	LAD020597597	ANGUS CHEMICAL COMPANY	STERLINGTON	122,990
7	LAD008187080	THE DOW CHEMICAL COMPANY	PLAQUEMINE	31,349
8	LAD008086506	PPG INDUSTRIES, INC.	LAKE CHARLES	31,291
9	LAD057117434	GEORGIA GULF CHEMICALS AND VINYLs, LLC	PLAQUEMINE	30,803
10	LAD040776809	BASF CORPORATION	GEISMAR	23,997
11	LAD980622104	SHELL OIL CO NORCO WEST SITE CHEMICAL	NORCO	19,322
12	LAR000018333	LYONDELL CHEMICAL WORLD WIDE	WESTLAKE	17,034
13	LAD000618256	CECOS INTERNATIONAL	SULPHUR	16,766
14	LAD041224932	FORMOSA PLASTICS CORP	BATON ROUGE	12,098
15	LAD000778381	EXXONMOBIL CHEMICAL COMPANY BATON ROUGE	SCOTLANDVILLE	11,082
16	LAD008184137	EXIDE CORP BATON ROUGE SMELTER	BATON ROUGE	10,530
17	LAD008058471	MURPHY OIL USA, INC. MERAUX REFINERY	MERAUX	10,357
18	LAD094919339	BAYOU STEEL CORPORATION	LAPLACE	8,962
19	LAD041581422	TAFT/STAR MANUFACTURING PLANT UNION CARB	TAFT	8,740
20	LAD008179707	CHALMETTE REFINING, L.L.C.	CHALMETTE	8,517
21	LAD043426006	CK WITCO GRETNA FACILITY	HARVEY	8,146
22	LAR000041087	CONDEA VISTA COMPANY	WESTLAKE	7,348
23	LAD000740712	AVONDALE INDUSTRIES, INC.	AVONDALE	7,188
24	LAD003913449	BORDEN CHEMICALS AND PLASTICS	GEISMAR	6,511
25	LAD000812818	EXXONMOBIL CHEMICAL COMPANY	BATON ROUGE	5,649
26	LAD980870794	T.T.BARGE CLEANING, MILE 183, INC.	MODESTE	4,791
27	LAD058530510	GNB TECHNOLOGIES	SHREVEPORT	4,530
28	LAD053783445	NOVARTIS CROP PROTECTION, INC.	ST GABRIEL	4,436
29	LAD008194060	UNIROYAL CHEMICAL COMPANY, INC.	GEISMAR	4,275
30	LAD062662887	EXXON MOBIL REFINING AND SUPPLY CO BATON	BATON ROUGE	4,236
31	LAD092681824	VULCAN CHEMICALS	GEISMAR	3,385
32	LAD008186579	MOTIVA ENTERPRISES LLC-NORCO REFINERY	NORCO	3,159
33	LAR000004598	UNION CARBIDE CORPORATION NORCO CATALYST	NORCO	2,862
34	LAD000757286	ALBEMARLE CORPORATION PDC	BATON ROUGE	2,659
35	LAD981522048	WESTLAKE POLYMERS CORPORATION	SULPHUR	2,299
36	LAR000030247	AIR PRODUCTS AND CHEMICALS, INC. GEISMAR	GEISMAR	2,292
37	LAD981057706	GTX, INC.	AMELIA	2,290
38	LAD058472721	AMAX METALS RECOVERY, INC.	BRAITHWAITE	2,147
39	LAD065485146	MOTIVA ENTERPRISES LLC-CONVENT REFINERY	UNION	2,142
40	LA4800014587	US NASA/ LOCKHEED MARTIN	NEW ORLEANS	2,043
41	LAD008158289	EVANS HARVEY CORP, L.L.C.	HARVEY	1,674
42	LAD059130831	DSM COPOLYMER, INC.	ADDIS	1,609
43	LAD003913183	SHELL CHEMICAL COMPANY	GEISMAR	1,511
44	LAD990683716	CONOCO INC. LAKE CHARLES REFINERY	WESTLAKE	1,503
45	LAD008080350	CITGO PETROLEUM CORPORATION	LAKE CHARLES	1,499
46	LAD085551810	HOBSON GALVANIZING	BELLE CHASSE	1,416
47	LAD098598360	WESTSIDE GALVANIZING SVCS.	PORT ALLEN	1,392
48	LAD053783353	PLACID REFINING COMPANY LLC	PORT ALLEN	1,333
49	LAD098168206	OCCIDENTAL CHEMICAL CORP.	CONVENT	1,267
50	LAD000618298	CECOS INTERNATIONAL, INC.	LIVINGSTON	1,212
Total				4,324,972

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

LOUISIANA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	53,087	ONLY AN F CODE	12,693		
ONLY CORROSIVE	133,620	ONLY A K CODE	348,437		
ONLY REACTIVE	39,228	ONLY A P CODE	104		
ONLY D004-17	22,351	ONLY A U CODE	4,048		
ONLY D018-43	211,811				
HAS MORE THAN ONE CHARACTERISTIC CODE	593,415	HAS MORE THAN ONE LISTED CODE	33,048		
TOTAL	1,053,512	TOTAL	398,331	Both Characteristic and Listed	2,899,392

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	53,356			IGN. W/ AT LEAST 1 LSTD	214,281
HAS CORROSIVE CODE	555,158			CORR. W/ AT LEAST 1 LSTD	322,107
HAS REACTIVE CODE	2,866			REACT. W/ AT LEAST 1 LSTD	689,421
HAS D004-D017 CODE	13,263			D004-17 W/ AT LEAST 1 LSTD	135,676
HAS D018-D043 CODE	576,683			D018-43 W/ AT LEAST 1 LSTD	2,640,717
		HAS AN F CODE	32,146	F WASTE W/ AT LEAST 1 CHAR	1,571,071
		HAS A K CODE	31,244	K WASTE W/ AT LEAST 1 CHAR	2,588,116
		HAS A P CODE	3,313	P WASTE W/ AT LEAST 1 CHAR	88,675
		HAS A U CODE	5,534	U WASTE W/ AT LEAST 1 CHAR	1,296,627
TOTAL	593,415	TOTAL	33,048	TOTAL	2,899,392

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

LOUISIANA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 68

7 Quantity of RCRA Hazardous Waste Managed: 4,232,705 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	LAD008213191	RUBICON INC.	GEISMAR	1,756,225
2	LAD008175390	CYTEC INDUSTRIES INC.	WAGGAMAN	1,550,783
3	LAD000777201	CHEMICAL WASTE MANAGEMENT	SULPHUR	258,000
4	LAD001890367	E. I. DUPONT DE NEMOURS & CO., INC.	LAPLACE	229,473
5	LAD020597597	ANGUS CHEMICAL COMPANY	STERLINGTON	122,483
6	LAD008086506	PPG INDUSTRIES, INC.	LAKE CHARLES	64,532
7	LAD008187080	THE DOW CHEMICAL COMPANY	PLAQUEMINE	33,992
8	LAD000778514	SAFETY-KLEEN (PLAQUEMINE), INC.	PLAQUEMINE	31,565
9	LAD057117434	GEORGIA GULF CHEMICALS AND VINYL, LLC	PLAQUEMINE	29,955
10	LAD008161234	RHODIA INC.	BATON ROUGE	23,448
11	LAD000618256	CECOS INTERNATIONAL	SULPHUR	18,986
12	LAD040776809	BASF CORPORATION	GEISMAR	18,983
13	LAD980622104	SHELL OIL CO NORCO WEST SITE CHEMICAL	NORCO	18,833
14	LAR000018333	LYONDELL CHEMICAL WORLD WIDE	WESTLAKE	16,069
15	LAD008184137	EXIDE CORP BATON ROUGE SMELTER	BATON ROUGE	12,803
16	LAD000778381	EXXONMOBIL CHEMICAL COMPANY BATON ROUGE	SCOTLANDVILLE	11,054
17	LAD008179707	CHALMETTE REFINING, L.L.C.	CHALMETTE	7,854
18	LAD041581422	TAFT/STAR MANUFACTURING PLANT UNION CARB	TAFT	7,317
19	LAD003913449	BORDEN CHEMICALS AND PLASTICS	GEISMAR	5,984
20	LAD053783445	NOVARTIS CROP PROTECTION, INC.	ST GABRIEL	4,947
21	LAR000032789	CS METALS OF LOUISIANA, LLC	CONVENT	4,163
22	LAD092681824	VULCAN CHEMICALS	GEISMAR	2,943
23	LAD059130831	DSM COPOLYMER, INC.	ADDIS	1,358
24	LAD034199802	CHEVRON CHEMICAL COMPANY LLC	BELLE CHASSE	434
25	LA0000365668	LAMP RECYCLERS OF LOUISIANA, INC.	HAMMOND	269
26	LAD010395127	SAFETY-KLEEN (BATON ROUGE) INC.	BATON ROUGE	254
27	LAD087029872	ALFREDS PROCESSOR SALES/SERVICE	KENNER	0
Total				4,232,705

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

LOUISIANA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	7,054	0.2	5	18.5
SOLVENTS RECOVERY	M021-M029	36,973	0.9	2	7.4
OTHER RECOVERY	M031-M039	43,568	1.0	5	18.5
INCINERATION	M041-M049	83,236	2.0	8	29.6
ENERGY RECOVERY	M051-M059	115,072	2.7	9	33.3
FUEL BLENDING	M061	10	0.0	1	3.7
STABILIZATION	M111-M119	95,699	2.3	3	11.1
LANDFILL	M132	174,966	4.1	2	7.4
DEEPWELL / UNDERGROUND INJECTION	M134	3,676,111	86.9	6	22.2
OTHER DISPOSAL	M137	16	0.0	1	3.7
		4,232,705	100.0	27	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
DEEPWELL / UNDERGROUND INJECTION	M134	3,676,111	86.9	6	22.2
LANDFILL	M132	174,966	4.1	2	7.4
ENERGY RECOVERY	M051-M059	115,072	2.7	9	33.3
STABILIZATION	M111-M119	95,699	2.3	3	11.1
INCINERATION	M041-M049	83,236	2.0	8	29.6
OTHER RECOVERY	M031-M039	43,568	1.0	5	18.5
SOLVENTS RECOVERY	M021-M029	36,973	0.9	2	7.4
METALS RECOVERY	M011-M019	7,054	0.2	5	18.5
OTHER DISPOSAL	M137	16	0.0	1	3.7
FUEL BLENDING	M061	10	0.0	1	3.7
		4,232,705	100.0	27	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	115,072	2.7	9	33.3
INCINERATION	M041-M049	83,236	2.0	8	29.6
DEEPWELL / UNDERGROUND INJECTION	M134	3,676,111	86.9	6	22.2
METALS RECOVERY	M011-M019	7,054	0.2	5	18.5
OTHER RECOVERY	M031-M039	43,568	1.0	5	18.5
STABILIZATION	M111-M119	95,699	2.3	3	11.1
SOLVENTS RECOVERY	M021-M029	36,973	0.9	2	7.4
LANDFILL	M132	174,966	4.1	2	7.4
FUEL BLENDING	M061	10	0.0	1	3.7
OTHER DISPOSAL	M137	16	0.0	1	3.7
		4,232,705	100.0	27	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

LOUISIANA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 415

13 Quantity of RCRA Hazardous Waste Shipped: 172,360 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	LAD000777201	CHEMICAL WASTE MANAGEMENT	SULPHUR	16,977
2	LAD000740712	AVONDALE INDUSTRIES, INC.	AVONDALE	12,361
3	LAD041224932	FORMOSA PLASTICS CORP	BATON ROUGE	12,098
4	LAD094919339	BAYOU STEEL CORPORATION	LAPLACE	8,962
5	LAD086478047	CONDEA VISTA/GEORGIA GULF	WESTLAKE	8,257
6	LAD010395127	SAFETY-KLEEN (BATON ROUGE) INC.	BATON ROUGE	6,858
7	LAD000812818	EXXONMOBIL CHEMICAL COMPANY	BATON ROUGE	5,614
8	LAD040776809	BASF CORPORATION	GEISMAR	5,014
9	LAD008213191	RUBICON INC.	GEISMAR	5,005
10	LAD980870794	T.T.BARGE CLEANING,MILE 183,INC.	MODESTE	4,791
11	LAD058530510	GNB TECHNOLOGIES	SHREVEPORT	4,530
12	LAD008194060	UNIROYAL CHEMICAL COMPANY, INC.	GEISMAR	4,275
13	LAD008086506	PPG INDUSTRIES, INC.	LAKE CHARLES	3,739
14	LAD062662887	EXXON MOBIL REFINING AND SUPPLY CO BATON	BATON ROUGE	3,304
15	LAD981057706	GTX,INC.	AMELIA	3,220
16	LAR000004598	UNION CARBIDE CORPORATION NORCO CATALYST	NORCO	2,862
17	LAD008186579	MOTIVA ENTERPRISES LLC-NORCO REFINERY	NORCO	2,751
18	LAD000757286	ALBEMARLE CORPORATION PDC	BATON ROUGE	2,659
19	LAD981522048	WESTLAKE POLYMERS CORPORATION	SULPHUR	2,299
20	LAR000030247	AIR PRODUCTS AND CHEMICALS, INC. GEISMAR	GEISMAR	2,292
21	LAD065485146	MOTIVA ENTERPRISES LLC-CONVENT REFINERY	UNION	2,142
22	LAD008158289	EVANS HARVEY CORP, L.L.C.	HARVEY	1,674
23	LAD053783445	NOVARTIS CROP PROTECTION, INC.	ST GABRIEL	1,519
24	LAD003913183	SHELL CHEMICAL COMPANY	GEISMAR	1,511
25	LAD990683716	CONOCO INC. LAKE CHARLES REFINERY	WESTLAKE	1,503
26	LAD008080350	CITGO PETROLEUM CORPORATION	LAKE CHARLES	1,499
27	LAD041581422	TAFT/STAR MANUFACTURING PLANT UNION CARB	TAFT	1,423
28	LAD085551810	HOBSON GALVANIZING	BELLE CHASSE	1,413
29	LAD053783353	PLACID REFINING COMPANY LLC	PORT ALLEN	1,333
30	LAD098168206	OCCIDENTAL CHEMICAL CORP.	CONVENT	1,267
31	LAD000618298	CECOS INTERNATIONAL, INC.	LIVINGSTON	1,212
32	LAD008073439	FIRESTONE POLYMERS	SULPHUR	1,175
33	LAD065470916	CK WITCO CORPORATION	TAFT	1,169
34	LAD982306763	LOUISIANA DOCK COMPANY BATON ROUGE SHIPY	PORT ALLEN	1,165
35	LAD008058471	MURPHY OIL USA,INC.MERAUX REFINERY	MERAUX	1,051
36	LAD057117434	GEORGIA GULF CHEMICALS AND VINYLs, LLC	PLAQUEMINE	1,004
37	LAR000018333	LYONDELL CHEMICAL WORLD WIDE	WESTLAKE	962
38	LAD058472721	AMAX METALS RECOVERY, INC.	BRAITHWAITE	929
39	LAD049977101	NORTHWEST PIPE COMPANY/P&H TUBE	BOSSIER CITY	929
40	LAD981057441	SAFETY-KLEEN SYSTEMS	PINEVILLE	920
41	LAD980622161	CATALYST RECOVERY OF LA,INC.	LAFAYETTE	895
42	LAD000209700	BROWNING FERRIS IND. CHEMICALS SERV.,INC	BATON ROUGE	892
43	LAD981154172	M-I LLC VENICE III	VENICE	878
44	LAD985184761	WESTLAKE PETROCHEMICAL CORPORATION	SULPHUR	852
45	LAD000802868	HONEYWELL INTERNATIONAL INC.	BATON ROUGE	833
46	LAD055026843	M-I LLC HOUMA FACILITY	HOUMA	807
47	LAT230013591	M-I LLC PORT FOURCHON	PORT FOURCHON	807
48	LAD008161234	RHODIA INC.	BATON ROUGE	735
49	LA4800014587	US NASA/ LOCKHEED MARTIN	NEW ORLEANS	708
50	LAD089317341	GENERAL MOTORS CORP	SHREVEPORT	695
Total				151,769

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

LOUISIANA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 15

16 Quantity of RCRA Hazardous Waste Received: 242,305 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	LAD000777201	CHEMICAL WASTE MANAGEMENT	SULPHUR	128,224
2	LAD008086506	PPG INDUSTRIES, INC.	LAKE CHARLES	36,984
3	LAD000778514	SAFETY-KLEEN (PLAQUEMINE), INC.	PLAQUEMINE	31,565
4	LAD008161234	RHODIA INC.	BATON ROUGE	23,403
5	LAD010395127	SAFETY-KLEEN (BATON ROUGE) INC.	BATON ROUGE	4,218
6	LAR000032789	CS METALS OF LOUISIANA, LLC	CONVENT	4,163
7	LAD008187080	THE DOW CHEMICAL COMPANY	PLAQUEMINE	3,116
8	LAD000618256	CECOS INTERNATIONAL	SULPHUR	2,846
9	LAD001890367	E. I. DUPONT DE NEMOURS & CO., INC.	LAPLACE	2,434
10	LAD008184137	EXIDE CORP BATON ROUGE SMELTER	BATON ROUGE	2,274
11	LAD053783445	NOVARTIS CROP PROTECTION, INC.	ST GABRIEL	2,196
12	LAD981057441	SAFETY-KLEEN SYSTEMS	PINEVILLE	523
13	LAD089841902	SAFETY-KLEEN SYSTEMS	KENNER	230
14	LA0000365668	LAMP RECYCLERS OF LOUISIANA, INC.	HAMMOND	128
15	LAD087029872	ALFREDS PROCESSOR SALES/SERVICE	KENNER	0
Total				242,305

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

LOUISIANA

1999 WASTE RECEIPTS, CONTINUED

18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	6,585	2.8	5	38.5
SOLVENTS RECOVERY	M021-M029	36,966	15.7	1	7.7
OTHER RECOVERY	M031-M039	2,434	1.0	1	7.7
INCINERATION	M041-M049	6,641	2.8	3	23.1
ENERGY RECOVERY	M051-M059	22,063	9.4	1	7.7
FUEL BLENDING	M061	10	0.0	1	7.7
STABILIZATION	M111-M119	80,270	34.1	2	15.4
LANDFILL	M132	46,040	19.6	1	7.7
DEEPWELL / UNDERGROUND INJECTION	M134	34,411	14.6	2	15.4
OTHER DISPOSAL	M137	16	0.0	1	7.7
		235,436	100.0	13	

19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	80,270	34.1	2	15.4
LANDFILL	M132	46,040	19.6	1	7.7
SOLVENTS RECOVERY	M021-M029	36,966	15.7	1	7.7
DEEPWELL / UNDERGROUND INJECTION	M134	34,411	14.6	2	15.4
ENERGY RECOVERY	M051-M059	22,063	9.4	1	7.7
INCINERATION	M041-M049	6,641	2.8	3	23.1
METALS RECOVERY	M011-M019	6,585	2.8	5	38.5
OTHER RECOVERY	M031-M039	2,434	1.0	1	7.7
OTHER DISPOSAL	M137	16	0.0	1	7.7
FUEL BLENDING	M061	10	0.0	1	7.7
		235,436	100.0	13	

20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	6,585	2.8	5	38.5
INCINERATION	M041-M049	6,641	2.8	3	23.1
STABILIZATION	M111-M119	80,270	34.1	2	15.4
DEEPWELL / UNDERGROUND INJECTION	M134	34,411	14.6	2	15.4
SOLVENTS RECOVERY	M021-M029	36,966	15.7	1	7.7
OTHER RECOVERY	M031-M039	2,434	1.0	1	7.7
ENERGY RECOVERY	M051-M059	22,063	9.4	1	7.7
FUEL BLENDING	M061	10	0.0	1	7.7
LANDFILL	M132	46,040	19.6	1	7.7
OTHER DISPOSAL	M137	16	0.0	1	7.7
		235,436	100.0	13	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

LOUISIANA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 177,434 Tons

22 Quantity of RCRA Hazardous Waste Exported: 110,709 Tons

MAINE

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 102
- 2 Quantity of RCRA Hazardous Waste Generated: 4,374 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	MED040249096	CYRO INDUSTRIES	SANFORD	696
2	MED001099308	ENGELHARD CORP	EASTPORT	429
3	MED000242701	HOLTRACHEM MANUFACTURING CO., LLC	ORRINGTON	407
4	ME7170022019	PORTSMOUTH NAVAL SHIPYARD	KITTERY	343
5	MED051431906	GENERAL ELECTRIC COMPANY INDUSTRIAL SYS	AUBURN	239
6	MED000791681	PRATT & WHITNEY	NORTH BERWICK	193
7	ME5000001313	FAIRCHILD SEMICONDUCTOR CORPORATION	SOUTH PORTLAND	192
8	MED071735096	MAINE POLY INC.	GREENE	188
9	MED980910053	SILVEX INC.	WESTBROOK	152
10	MED001099746	OSRAM SYLVANIA	WALDOBORO	137
11	MED041460247	BATH IRON WORKS	BATH	127
12	MED019051069	ENVIRONMENTAL COMPLIANCE CORP	SOUTH PORTLAND	126
13	MED001098458	NATIONAL SEMICONDUCTOR	SOUTH PORTLAND	111
14	MED001110337	GULF OIL LTD PARTNERSHIP	SOUTH PORTLAND	106
15	MED046217352	EASTERN FINE PAPER INC	BREWER	71
16	MED077469864	SPRAGUE SANFORD INC	SANFORD	70
17	MED985469279	SOUTHERN MAINE INDUSTRIES CORP	GORHAM	57
18	ME5000000802	FIRST TECHNOLOGY	STANDISH	52
19	MED040228983	PANOLAM INDUSTRIES INTERNATIONAL	AUBURN	51
20	MED045113495	L & I ATLANTIC, INC.	BANGOR	47
21	ME5000000307	SACO DEFENSE CORP	SACO	43
22	MED046221115	MOBIL PORTLAND TERMINAL	SOUTH PORTLAND	42
23	MED985467638	E-M-SOLUTIONS	WESTBROOK	34
24	MED000840843	COLD BROOK ENERGY INC.	HAMPDEN	33
25	MED001096395	PRIME TANNING COMPANY, INC.	BERWICK	30
26	ME5000001271	SOUTHERN MAINE SPECIALTIES	SACO	29
27	MED054608179	SPENCER PRESS INC	WELLS	26
28	MED042141408	S.D. WARREN COMPANY	WESTBROOK	23
29	ME8170022018	US NAVAL AIR STATION - BRUNSWICK	BRUNSWICK	18
30	MED980523146	BATH IRON WORKS CORPORATION	PORTLAND	14
31	MED001905777	HUSSEY SEATING CO	NORTH BERWICK	14
32	MED985466358	CIANBRO CORP	PITTSFIELD	13
33	MER000002667	US COAST GUARD TWO LIGHTS	CAPE ELIZABETH	13
34	MED093625358	SCI TECHNOLOGY INC	AUGUSTA	13
35	ME5170024355	NAVCOMTELSTA	CUTLER	13
36	MED001097203	PHILIPS ELMET	LEWISTON	13
37	MED000841056	BATH IRON WORKS CORPORATION	BRUNSWICK	11
38	MED043249945	OSRAM SYLVANIA PRODUCTS INC.	BANGOR	10
39	MED060996451	UNIVERSITY OF MAINE	ORONO	10
40	MED985471911	OXFORD AVIATION INC	OXFORD	8
41	MED985467679	BATH IRON WORKS CORPORATION	BRUNSWICK	8
42	MED001065580	IRVING TANNING CO	HARTLAND	8
43	MED001094473	DIELECTRIC COMMUNICATIONS	RAYMOND	7
44	MED985467562	SERMATECH INTERNATIONAL	BIDDEFORD	6
45	ME5000001388	MAINE R/S MAINTENANCE CTR	LIMESTONE	6
46	ME6572890022	MAINE AIR NATIONAL GUARD	BANGOR	6
47	MED001095041	MEAD OXFORD CORP	RUMFORD	6
48	ME9570024522	LORING AIR FORCE BASE	LIMESTONE	6
49	MED001104959	HINCKLEY CO., LLC	SOUTHWEST HARBOR	5
50	MED980671796	FORT JAMES OPERATING CO	OLD TOWN	5
Total				4,266

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MAINE

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	296	ONLY AN F CODE	172		
ONLY CORROSIVE	256	ONLY A K CODE	351		
ONLY REACTIVE	1	ONLY A P CODE	0		
ONLY D004-17	686	ONLY A U CODE	3		
ONLY D018-43	405				
HAS MORE THAN ONE CHARACTERISTIC CODE	433	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	2,076	TOTAL	527	Both Characteristic and Listed	1,766

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	377			IGN. W/ AT LEAST 1 LSTD	1,359
HAS CORROSIVE CODE	58			CORR. W/ AT LEAST 1 LSTD	21
HAS REACTIVE CODE	3			REACT. W/ AT LEAST 1 LSTD	6
HAS D004-D017 CODE	130			D004-17 W/ AT LEAST 1 LSTD	440
HAS D018-D043 CODE	340			D018-43 W/ AT LEAST 1 LSTD	259
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	1,074
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	3
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	695
TOTAL	433	TOTAL	0	TOTAL	1,766

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

MAINE**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 10

7 Quantity of RCRA Hazardous Waste Managed: 571 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	MED040249096	CYRO INDUSTRIES	SANFORD	437
2	MED001099746	OSRAM SYLVANIA	WALDOBORO	129
3	MED043249945	OSRAM SYLVANIA PRODUCTS INC.	BANGOR	5
Total				571

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

MAINE

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	442	77.5	2	66.7
OTHER RECOVERY	M031-M039	129	22.5	1	33.3
		571	100.0	3	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	442	77.5	2	66.7
OTHER RECOVERY	M031-M039	129	22.5	1	33.3
		571	100.0	3	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	442	77.5	2	66.7
OTHER RECOVERY	M031-M039	129	22.5	1	33.3
		571	100.0	3	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MAINE

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 97

13 Quantity of RCRA Hazardous Waste Shipped: 4,520 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	MED019051069	ENVIRONMENTAL COMPLIANCE CORP	SOUTH PORTLAND	475
2	MED001099308	ENGELHARD CORP	EASTPORT	429
3	MED000242701	HOLTRACHEM MANUFACTURING CO., LLC	ORRINGTON	407
4	MED980667810	SAFETY-KLEEN SYSTEMS, INC	LEEDS	385
5	ME7170022019	PORTSMOUTH NAVAL SHIPYARD	KITTERY	337
6	MED040249096	CYRO INDUSTRIES	SANFORD	258
7	MED051431906	GENERAL ELECTRIC COMPANY INDUSTRIAL SYS	AUBURN	239
8	ME5000001313	FAIRCHILD SEMICONDUCTOR CORPORATION	SOUTH PORTLAND	192
9	MED000791681	PRATT & WHITNEY	NORTH BERWICK	191
10	MED071735096	MAINE POLY INC.	GREENE	188
11	MED980910053	SILVEX INC.	WESTBROOK	152
12	MED041460247	BATH IRON WORKS	BATH	127
13	MED001098458	NATIONAL SEMICONDUCTOR	SOUTH PORTLAND	111
14	MED001110337	GULF OIL LTD PARTNERSHIP	SOUTH PORTLAND	106
15	MED046217352	EASTERN FINE PAPER INC	BREWER	71
16	MED077469864	SPRAGUE SANFORD INC	SANFORD	70
17	MED985469279	SOUTHERN MAINE INDUSTRIES CORP	GORHAM	57
18	MED040228983	PANOLAM INDUSTRIES INTERNATIONAL	AUBURN	55
19	MED045113495	L & I ATLANTIC, INC.	BANGOR	47
20	ME5000000802	FIRST TECHNOLOGY	STANDISH	46
21	ME5000000307	SACO DEFENSE CORP	SACO	43
22	MED046221115	MOBIL PORTLAND TERMINAL	SOUTH PORTLAND	42
23	MED985467638	E-M-SOLUTIONS	WESTBROOK	34
24	MED000840843	COLD BROOK ENERGY INC.	HAMPDEN	33
25	MED001096395	PRIME TANNING COMPANY, INC.	BERWICK	30
26	ME5000001271	SOUTHERN MAINE SPECIALTIES	SACO	29
27	MED054608179	SPENCER PRESS INC	WELLS	26
28	MED042141408	S.D. WARREN COMPANY	WESTBROOK	22
29	ME8170022018	US NAVAL AIR STATION - BRUNSWICK	BRUNSWICK	18
30	MED980523146	BATH IRON WORKS CORPORATION	PORTLAND	14
31	MED001905777	HUSSEY SEATING CO	NORTH BERWICK	14
32	MER000002667	US COAST GUARD TWO LIGHTS	CAPE ELIZABETH	13
33	MED093625358	SCI TECHNOLOGY INC	AUGUSTA	13
34	ME5170024355	NAVCOMTELSTA	CUTLER	13
35	MED001097203	PHILIPS ELMET	LEWISTON	13
36	MED000841056	BATH IRON WORKS CORPORATION	BRUNSWICK	11
37	MED060996451	UNIVERSITY OF MAINE	ORONO	10
38	MED985466358	CIANBRO CORP	PITTSFIELD	9
39	MED001099746	OSRAM SYLVANIA	WALDOBORO	9
40	MED985471911	OXFORD AVIATION INC	OXFORD	8
41	MED985467679	BATH IRON WORKS CORPORATION	BRUNSWICK	8
42	MED001065580	IRVING TANNING CO	HARTLAND	8
43	MED001094473	DIELECTRIC COMMUNICATIONS	RAYMOND	7
44	MER000002444	INDUSTRIAL CONCRETE SERVICES	GORHAM	7
45	MED985467562	SERMATECH INTERNATIONAL	BIDDEFORD	7
46	ME6572890022	MAINE AIR NATIONAL GUARD	BANGOR	6
47	MED001095041	MEAD OXFORD CORP	RUMFORD	6
48	ME9570024522	LORING AIR FORCE BASE	LIMESTONE	6
49	MED001104959	HINCKLEY CO., LLC	SOUTHWEST HARBOR	5
50	MED043249945	OSRAM SYLVANIA PRODUCTS INC.	BANGOR	5
Total				4,412

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MAINE

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 2

16 Quantity of RCRA Hazardous Waste Received: 320 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	MED980667810	SAFETY-KLEEN SYSTEMS, INC	LEEDS	319
2	MED019051069	ENVIRONMENTAL COMPLIANCE CORP	SOUTH PORTLAND	1
Total				320

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

MAINE

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the State of Maine that reported receiving RCRA hazardous waste in 1999 other than as a storage-only facility.

MAINE

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 2 Tons

22 Quantity of RCRA Hazardous Waste Exported: 4,448 Tons

MARYLAND

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 289
- 2 Quantity of RCRA Hazardous Waste Generated: 80,256 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	MDD030324073	MD PORT ADMINISTRATION	BALTIMORE	24,107
2	MDD003071875	FMC CORPORATION	BALTIMORE	10,316
3	MDD003070349	AIRPAX CORPORATION	CAMBRIDGE	10,139
4	MDD985397256	NAVY TRAINING CENTER BAINBRIDGE	PORT DEPOSIT	5,652
5	MDD053945432	BETHLEHEM STEEL CORPORATION	SPARROWS POINT	5,041
6	MDD069396711	BALTIMORE WORKS	BALTIMORE	4,726
7	MD7170024536	NAVAL AIR STATION - PATUXENT RIVER	PATUXENT RIVER	2,674
8	MDD980555189	CLEAN HARBORS OF BALTIMORE	BALTIMORE	2,391
9	MDD990759375	EASTALCO ALUMINUM COMPANY	FREDERICK	1,549
10	MDD001890060	VELSICOL CHEMICAL CORPORATION	CHESTERTOWN	1,519
11	MDD000215160	SHERWIN-WILLIAMS CO, THE	BALTIMORE	1,463
12	MDD980704852	SOUTHERN MARYLAND WOOD TREATMENT	HOLLYWOOD	982
13	MDD990686222	CONDEA VISTA COMPANY	BALTIMORE	912
14	MDD003091972	GM TRUCK GROUP	BALTIMORE	568
15	MDD981043383	HONEYWELL MICROELECTRONICS & TECH CTR	COLUMBIA	526
16	MDD985372143	CITRUS & ALLIED ESSENCES LTD	BELCAMP	381
17	MDD069390839	RUST-OLEUM CORPORATION	WILLIAMSPORT	355
18	MDD003075942	CYTEC FIBERITE INC	HAVRE DE GRACE	338
19	MDR000001057	BFI WASTE SYSTEMS OF NORTH AMERICA INC	BALTIMORE	310
20	MDD003255163	DURON, INC.	BELTSVILLE	274
21	MDD095353348	SECURITY FENCE SUPPLY	BLADENSBURG	273
22	MDD001710227	GRACE DAVISON CURTIS BAY SITE	BALTIMORE	229
23	MDR000016477	WASHINGTON POST, THE	COLLEGE PARK	221
24	MDD046283495	BALTIMORE MARINE INDUSTRIES INC	BALTIMORE	154
25	MDD003067121	THIOKOL PROPULSION	ELKTON	150
26	MDD044975670	CROWN CORK & SEAL COMPANY INC	FRUITLAND	142
27	MDR000016303	MIDDLE RIVER AIRCRAFT SYSTEMS	BALTIMORE	131
28	MDD052340973	PATAPSCO WASTEWATER TREATMENT PLANT	BALTIMORE	117
29	MD0000192971	HOWCO - ALFA RIDGE LANDFILL	MARRIOTTSVILLE	116
30	MDD000619395	BALTIMORE GAS AND ELECTRIC - SPRING	BALTIMORE	113
31	MD6150004095	NATIONAL INSTITUTES OF HEALTH	BETHESDA	111
32	MD2970590004	NATIONAL SECURITY AGENCY	FT MEADE	96
33	MDR000521153	LIFE TECHNOLOGIES INC	FREDERICK	96
34	MDD056497589	VPI MIRREX CORPORATION	SALISBURY	95
35	MD3210021355	U.S. ARMY GARRISON, ABERDEEN PROVING	APG	93
36	MDD000622092	NOXELL CORPORATION - STENERSEN	HUNT VALLEY	84
37	MDD985406792	CLOROX PRODUCTS MANUFACTURING COMPANY	ABERDEEN	84
38	MDR000012161	ENGINEERED POLYMER SOLUTIONS	WILLIAMSPORT	83
39	MDD074933961	W R GRACE AND CO	COLUMBIA	81
40	MDD091818930	NIRO INC.	COLUMBIA	81
41	MD4690307844	U.S. COAST GUARD - YARD SAFETY OFFICE	BALTIMORE	76
42	MDD003093507	MILLENNIUM SPECIALTY CHEMICALS	BALTIMORE	73
43	MD0170090021	U.S. NAVAL ACADEMY COMPLEX	ANNAPOLIS	71
44	MDD980919070	NOXELL CORPORATION - BEAVER COURT	HUNT VALLEY	70
45	MDD077410538	TNEMEC COMPANY, INC.	BALTIMORE	69
46	MDD069380657	CHESAPEAKE FINISHED METALS	ELKRIDGE	63
47	MDD003075207	SIGNODE EASTERN OPERATIONS	BALTIMORE	62
48	MDD003065877	BLACK & DECKER (U.S.) INC	HAMPSTEAD	62
49	MDD021461876	UNIVERSITY OF MARYLAND	BALTIMORE	61
50	MDD003082997	NOXELL CORPORATION - YORK ROAD	HUNT VALLEY	59
Total				77,434

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MARYLAND

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	5,624	ONLY AN F CODE	10,596		
ONLY CORROSIVE	299	ONLY A K CODE	1,564		
ONLY REACTIVE	184	ONLY A P CODE	199		
ONLY D004-17	36,329	ONLY A U CODE	22		
ONLY D018-43	869				
HAS MORE THAN ONE CHARACTERISTIC CODE	3,302	HAS MORE THAN ONE LISTED CODE	2,559		
TOTAL	46,607	TOTAL	14,940	Both Characteristic and Listed	18,690

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	2,812			IGN. W/ AT LEAST 1 LSTD	12,085
HAS CORROSIVE CODE	562			CORR. W/ AT LEAST 1 LSTD	2,412
HAS REACTIVE CODE	77			REACT. W/ AT LEAST 1 LSTD	484
HAS D004-D017 CODE	749			D004-17 W/ AT LEAST 1 LSTD	9,061
HAS D018-D043 CODE	2,645			D018-43 W/ AT LEAST 1 LSTD	4,973
		HAS AN F CODE	4	F WASTE W/ AT LEAST 1 CHAR	18,373
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	3,106
		HAS A P CODE	2,555	P WASTE W/ AT LEAST 1 CHAR	1,050
		HAS A U CODE	2,559	U WASTE W/ AT LEAST 1 CHAR	2,443
TOTAL	3,302	TOTAL	2,559	TOTAL	18,690

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

MARYLAND**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 22

7 Quantity of RCRA Hazardous Waste Managed: 12,306 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	MDD980554653	1SAFETY-KLEEN (TS) INC	LAUREL	7,864
2	MDD003071875	FMC CORPORATION	BALTIMORE	4,410
3	MD4170024109	NAVAL SURFACE WARFARE CENTER IHDIV	INDIAN HEAD	18
4	MDD003067121	THIOKOL PROPULSION	ELKTON	12
5	MDD050793926	TOWSON UNIVERSITY	TOWSON	2
6	MD4170090001	NAVEODTECHDIV	INDIAN HEAD	1
Total				12,306

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

MARYLAND

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	46	0.4	2	33.3
SOLVENTS RECOVERY	M021-M029	39	0.3	2	33.3
OTHER RECOVERY	M031-M039	0	0.0	1	16.7
INCINERATION	M041-M049	6,161	50.1	2	33.3
ENERGY RECOVERY	M051-M059	25	0.2	2	33.3
FUEL BLENDING	M061	1,553	12.6	1	16.7
STABILIZATION	M111-M119	26	0.2	1	16.7
LANDFILL	M132	4,443	36.1	1	16.7
OTHER DISPOSAL	M137	13	0.1	2	33.3
		12,306	100.0	6	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	6,161	50.1	2	33.3
LANDFILL	M132	4,443	36.1	1	16.7
FUEL BLENDING	M061	1,553	12.6	1	16.7
METALS RECOVERY	M011-M019	46	0.4	2	33.3
SOLVENTS RECOVERY	M021-M029	39	0.3	2	33.3
STABILIZATION	M111-M119	26	0.2	1	16.7
ENERGY RECOVERY	M051-M059	25	0.2	2	33.3
OTHER DISPOSAL	M137	13	0.1	2	33.3
OTHER RECOVERY	M031-M039	0	0.0	1	16.7
		12,306	100.0	6	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	46	0.4	2	33.3
SOLVENTS RECOVERY	M021-M029	39	0.3	2	33.3
INCINERATION	M041-M049	6,161	50.1	2	33.3
ENERGY RECOVERY	M051-M059	25	0.2	2	33.3
OTHER DISPOSAL	M137	13	0.1	2	33.3
OTHER RECOVERY	M031-M039	0	0.0	1	16.7
FUEL BLENDING	M061	1,553	12.6	1	16.7
STABILIZATION	M111-M119	26	0.2	1	16.7
LANDFILL	M132	4,443	36.1	1	16.7
		12,306	100.0	6	

Note: Facilities reporting storage only and their quantity managed are excluded.

Columns may not sum due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MARYLAND

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 260

13 Quantity of RCRA Hazardous Waste Shipped: 187,208 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	MD5170024686	NAVAL SURFACE WARFARE CENTER-CARDEROCK	WEST BETHESDA	88,956
2	MDD030324073	MD PORT ADMINISTRATION	BALTIMORE	24,107
3	MDD980555189	CLEAN HARBORS OF BALTIMORE	BALTIMORE	23,929
4	MDD980554653	1SAFETY-KLEEN (TS) INC	LAUREL	9,156
5	MDD003071875	FMC CORPORATION	BALTIMORE	6,036
6	MDD985397256	NAVY TRAINING CENTER BAINBRIDGE	PORT DEPOSIT	5,652
7	MDD053945432	BETHLEHEM STEEL CORPORATION	SPARROWS POINT	5,041
8	MDD069396711	BALTIMORE WORKS	BALTIMORE	4,727
9	MD7170024536	NAVAL AIR STATION - PATUXENT RIVER	PATUXENT RIVER	2,626
10	MDD990759375	EASTALCO ALUMINUM COMPANY	FREDERICK	1,763
11	MDD000215160	SHERWIN-WILLIAMS CO, THE	BALTIMORE	1,463
12	MDD981034291	SAFETY-KLEEN SYSTEMS, INC.	BALTIMORE	1,335
13	MDD000737106	SAFETY-KLEEN SYSTEMS, INC.	GLEN BURNIE	1,088
14	MDD980704852	SOUTHERN MARYLAND WOOD TREATMENT	HOLLYWOOD	982
15	MDD990686222	CONDEA VISTA COMPANY	BALTIMORE	912
16	MDD003091972	GM TRUCK GROUP	BALTIMORE	556
17	MDD981043383	HONEYWELL MICROELECTRONICS & TECH CTR	COLUMBIA	526
18	MDD985372143	CITRUS & ALLIED ESSENCES LTD	BELCAMP	381
19	MDD069390839	RUST-OLEUM CORPORATION	WILLIAMSPORT	355
20	MDD003075942	CYTEC FIBERITE INC	HAVRE DE GRACE	338
21	MDR010097970	GENCO DISTRIBUTION	COLUMBIA	325
22	MDR000001057	BFI WASTE SYSTEMS OF NORTH AMERICA INC	BALTIMORE	310
23	MDD003255163	DURON, INC.	BELTSVILLE	274
24	MDD095353348	SECURITY FENCE SUPPLY	BLADENSBURG	273
25	MDD001710227	GRACE DAVISON CURTIS BAY SITE	BALTIMORE	229
26	MDR000016477	WASHINGTON POST, THE	COLLEGE PARK	221
27	MDR000002568	MID STATES OIL REFINING LLC	BALTIMORE	197
28	MDP000010722	BELL ATLANTIC MARYLAND	SILVER SPRING	168
29	MD2970590004	NATIONAL SECURITY AGENCY	FT MEADE	161
30	MDD046283495	BALTIMORE MARINE INDUSTRIES INC	BALTIMORE	154
31	MDD044975670	CROWN CORK & SEAL COMPANY INC	FRUITLAND	142
32	MDR000016303	MIDDLE RIVER AIRCRAFT SYSTEMS	BALTIMORE	131
33	MDD052340973	PATAPSCO WASTEWATER TREATMENT PLANT	BALTIMORE	117
34	MD0000192971	HOWCO - ALFA RIDGE LANDFILL	MARRIOTTSVILLE	116
35	MDD000619395	BALTIMORE GAS AND ELECTRIC - SPRING	BALTIMORE	113
36	MD6150004095	NATIONAL INSTITUTES OF HEALTH	BETHESDA	111
37	MDR000521153	LIFE TECHNOLOGIES INC	FREDERICK	96
38	MDD056497589	VPI MIRREX CORPORATION	SALISBURY	95
39	MD3210021355	U.S. ARMY GARRISON, ABERDEEN PROVING	APG	93
40	MDD000622092	NOXELL CORPORATION - STENERSEN	HUNT VALLEY	84
41	MDD985406792	CLOROX PRODUCTS MANUFACTURING COMPANY	ABERDEEN	84
42	MDR000012161	ENGINEERED POLYMER SOLUTIONS	WILLIAMSPORT	83
43	MDD074933961	W R GRACE AND CO	COLUMBIA	81
44	MDD091818930	NIRO INC.	COLUMBIA	81
45	MD4690307844	U.S. COAST GUARD - YARD SAFETY OFFICE	BALTIMORE	76
46	MDD003093507	MILLENNIUM SPECIALTY CHEMICALS	BALTIMORE	73
47	MD0170090021	U.S. NAVAL ACADEMY COMPLEX	ANNAPOLIS	71
48	MDD980919070	NOXELL CORPORATION - BEAVER COURT	HUNT VALLEY	70
49	MDD077410538	TNEMEC COMPANY, INC.	BALTIMORE	69
50	MD4170024109	NAVAL SURFACE WARFARE CENTER IHDIV	INDIAN HEAD	66
Total				184,092

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MARYLAND

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 4

16 Quantity of RCRA Hazardous Waste Received: 9,201 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	MDD980554653	1SAFETY-KLEEN (TS) INC	LAUREL	9,198
2	MD4170024109	NAVAL SURFACE WARFARE CENTER IHDIV	INDIAN HEAD	2
3	MD6150004095	NATIONAL INSTITUTES OF HEALTH	BETHESDA	1
4	MDD980829873	UNIVERSITY OF MARYLAND	COLLEGE PARK	0
Total				9,201

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

MARYLAND

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	45	0.6	1	50.0
SOLVENTS RECOVERY	M021-M029	38	0.5	1	50.0
OTHER RECOVERY	M031-M039	0	0.0	1	50.0
INCINERATION	M041-M049	1,751	22.3	1	50.0
ENERGY RECOVERY	M051-M059	9	0.1	2	100.0
FUEL BLENDING	M061	1,553	19.7	1	50.0
STABILIZATION	M111-M119	26	0.3	1	50.0
LANDFILL	M132	4,443	56.5	1	50.0
		7,864	100.0	2	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
LANDFILL	M132	4,443	56.5	1	50.0
INCINERATION	M041-M049	1,751	22.3	1	50.0
FUEL BLENDING	M061	1,553	19.7	1	50.0
METALS RECOVERY	M011-M019	45	0.6	1	50.0
SOLVENTS RECOVERY	M021-M029	38	0.5	1	50.0
STABILIZATION	M111-M119	26	0.3	1	50.0
ENERGY RECOVERY	M051-M059	9	0.1	2	100.0
OTHER RECOVERY	M031-M039	0	0.0	1	50.0
		7,864	100.0	2	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	9	0.1	2	100.0
METALS RECOVERY	M011-M019	45	0.6	1	50.0
SOLVENTS RECOVERY	M021-M029	38	0.5	1	50.0
OTHER RECOVERY	M031-M039	0	0.0	1	50.0
INCINERATION	M041-M049	1,751	22.3	1	50.0
FUEL BLENDING	M061	1,553	19.7	1	50.0
STABILIZATION	M111-M119	26	0.3	1	50.0
LANDFILL	M132	4,443	56.5	1	50.0
		7,864	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MARYLAND

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 4,299 Tons

22 Quantity of RCRA Hazardous Waste Exported: 181,043 Tons

MASSACHUSETTS

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 448
- 2 Quantity of RCRA Hazardous Waste Generated: 1,191,465 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	MAD985290980	WAKEFIELD ENGINEERING, INC.	FALL RIVER	546,952
2	MAD055744908	TYROLIT NORTH AMERICA INC.	WESTBOROUGH	458,557
3	MAD086534864	HEWLETT-PACKARD COMPANY	ANDOVER	131,365
4	MA500001040	MA HWY DEPT CENTRAL ARTERY/TUNNEL PROJ	BOSTON	6,725
5	MAD980730857	SCHOTT FIBER OPTICS, INC.	SOUTHBRIDGE	3,723
6	MAD001402320	POLAROID CORPORATION	WALTHAM	2,915
7	MAD001039767	BOSTIK INC.	MIDDLETON	2,813
8	MAD980912323	CHEMDESIGN CORPORATION	FITCHBURG	2,750
9	MAD990886301	SANMINA CORPORATION	WILMINGTON	1,904
10	MAD985290865	OMNIGLOW CORPORATION	WEST SPRINGFIELD	1,745
11	MAD053452637	CLEAN HARBORS OF BRAINTREE, INC.	BRAINTREE	1,486
12	MAD000844498	SHIPLEY COMPANY	MARLBOROUGH	1,152
13	MAD985293802	REXAM IMAGE PRODUCTS	SOUTH HADLEY	964
14	MAD001014182	DYNAMICS RESEARCH CORPORATION	WILMINGTON	927
15	MAD047982152	COYNE TEXTILE SERVICES	NEW BEDFORD	832
16	MAD019371079	GENERAL CHEMICAL CORPORATION	FRAMINGHAM	782
17	MAD001114818	SOLUTIA INC.	SPRINGFIELD	767
18	MAR000009605	ISP FREETOWN FINE CHEMICALS INC.	ASSONET	753
19	MAD049424237	COASTAL METAL FINISHING	MERRIMAC	679
20	MAD007325814	TEXAS INSTRUMENTS INC.	ATTLEBORO	677
21	MAD056019979	IDEAL TAPE COMPANY	LOWELL	561
22	MAD980732614	ANIKA THERAPEUTICS, INC.	WOBURN	536
23	MAD076575513	BOSTON EDISON COMPANY	BOSTON	525
24	MAD065785776	POLYCLAD TECHNOLOGIES	MILLBURY	493
25	MAD094277571	GLOBAL PETROLEUM CORP.	REVERE	458
26	MAD001136035	FLEXCON COMPANY, INC.	SPENCER	455
27	MAD041172719	CHEMET CORPORATION	ATTLEBORO	450
28	MAD001055235	RAYTHEON COMPANY	ANDOVER	444
29	MAD051505477	ZENECA SPECIALTIES	DIGHTON	414
30	MAD001067941	ALLEGHENY RODNEY	NEW BEDFORD	407
31	MAD981215411	INNOVATIVE MEMBRANE SYSTEMS, INC.	NORWOOD	399
32	MAD046613279	ATTLEBORO REFINING COMPANY, INC.	ATTLEBORO	393
33	MAD982198434	PHARM-ECO LABORATORIES, INC.	NORTH ANDOVER	369
34	MAD043066323	UNITED CIRCUITS, INC.	DRACUT	352
35	MAD001008093	C.L. HAUTHWAY & SONS CORP.	LYNN	344
36	MAD001032358	GLOBE NEWSPAPER CO.	BOSTON	325
37	MAD066605809	GILLETTE MANUFACTURING, INC.	BOSTON	317
38	MAD058060476	POLAROID CORPORATION	NEW BEDFORD	312
39	MAD062163191	POLAROID CORPORATION	NORWOOD	307
40	MAD985290055	BABS FOUNDRY, INC.	NORTON	302
41	MAD000844597	WATERS CORPORATION	TAUNTON	279
42	MAD041710609	TECH-ETCH, INC.	PLYMOUTH	278
43	MAD001047620	DUNCAN GALVANIZING CORP.	EVERETT	275
44	MAD980522817	AMERICAN INSULATED WIRE CORP	SOUTH ATTLEBORO	264
45	MAD000649640	ANALOG DEVICES, INC.	WILMINGTON	234
46	MAR000007955	BORREGAARD SYNTHESIS, INC.	NEWBURYPORT	229
47	MAD058898776	MADICO, INC.	WOBURN	214
48	MAD980912992	PHOTOFABRICATION ENGINEERING	MILFORD	206
49	MAR000010504	INTEL MASSACHUSETTS, INC.	HUDSON	205
50	MAR000011569	EFTC	WILMINGTON	203
Total				1,179,018

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MASSACHUSETTS

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	5,249	ONLY AN F CODE	1,009,388		
ONLY CORROSIVE	2,813	ONLY A K CODE	0		
ONLY REACTIVE	59	ONLY A P CODE	2		
ONLY D004-17	139,567	ONLY A U CODE	432		
ONLY D018-43	286				
HAS MORE THAN ONE CHARACTERISTIC CODE	5,342	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	153,317	TOTAL	1,009,822	Both Characteristic and Listed	28,246

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	2,197			IGN. W/ AT LEAST 1 LSTD	24,566
HAS CORROSIVE CODE	2,653			CORR. W/ AT LEAST 1 LSTD	9,617
HAS REACTIVE CODE	181			REACT. W/ AT LEAST 1 LSTD	8,720
HAS D004-D017 CODE	4,218			D004-17 W/ AT LEAST 1 LSTD	12,147
HAS D018-D043 CODE	1,693			D018-43 W/ AT LEAST 1 LSTD	14,584
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	21,321
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	262
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	372
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	8,826
TOTAL	5,342	TOTAL	0	TOTAL	28,246

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

MASSACHUSETTS**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 43

7 Quantity of RCRA Hazardous Waste Managed: 7,092 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	MAD053452637	CLEAN HARBORS OF BRAINTREE, INC.	BRAINTREE	2,778
2	MAD001039767	BOSTIK INC.	MIDDLETON	2,689
3	MAD000842377	AGFA CORPORATION	WILMINGTON	579
4	MAD001014174	AGFA CORPORATION	WILMINGTON	579
5	MAD062179890	ENVIRONMENTAL COMPLIANCE CORP	STOUGHTON	352
6	MAD019371079	GENERAL CHEMICAL CORPORATION	FRAMINGHAM	73
7	MAD087452611	BASF CORP. MORTON INTERNATIONAL, INC.	CHICOPEE	23
8	MAD001408483	GLYPTAL INC.	CHELSEA	11
9	MAD050587641	DIELECTRIC POLYMERS, INC.	HOLYOKE	9
10	MAD060095569	SAFETY-KLEEN SYSTEMS, INC.	SALISBURY	0
11	MAD088978143	SAFETY-KLEEN SYSTEMS, INC.	MARLBOROUGH	0
Total				7,092

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

MASSACHUSETTS

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	1,157	16.3	2	18.2
SOLVENTS RECOVERY	M021-M029	401	5.7	5	45.5
INCINERATION	M041-M049	5	0.1	2	18.2
ENERGY RECOVERY	M051-M059	3,041	42.9	2	18.2
FUEL BLENDING	M061	44	0.6	2	18.2
STABILIZATION	M111-M119	2,444	34.5	1	9.1
		7,092	100.0	11	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	3,041	42.9	2	18.2
STABILIZATION	M111-M119	2,444	34.5	1	9.1
METALS RECOVERY	M011-M019	1,157	16.3	2	18.2
SOLVENTS RECOVERY	M021-M029	401	5.7	5	45.5
FUEL BLENDING	M061	44	0.6	2	18.2
INCINERATION	M041-M049	5	0.1	2	18.2
		7,092	100.0	11	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	401	5.7	5	45.5
METALS RECOVERY	M011-M019	1,157	16.3	2	18.2
INCINERATION	M041-M049	5	0.1	2	18.2
ENERGY RECOVERY	M051-M059	3,041	42.9	2	18.2
FUEL BLENDING	M061	44	0.6	2	18.2
STABILIZATION	M111-M119	2,444	34.5	1	9.1
		7,092	100.0	11	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MASSACHUSETTS

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 430

13 Quantity of RCRA Hazardous Waste Shipped: 640,372 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	MAD985290980	WAKEFIELD ENGINEERING, INC.	FALL RIVER	546,952
2	MAD053452637	CLEAN HARBORS OF BRAINTREE, INC.	BRAINTREE	22,816
3	MAD000604447	SAFETY-KLEEN (NE), INC	LAWRENCE	17,369
4	MA5000001040	MA HWY DEPT CENTRAL ARTERY/TUNNEL PROJ	BOSTON	6,725
5	MAD047075734	JONES ENVIRONMENTAL SERVICES (N.E.) INC.	LOWELL	2,882
6	MAD980912323	CHEMDESIGN CORPORATION	FITCHBURG	2,750
7	MAD001402320	POLAROID CORPORATION	WALTHAM	2,474
8	MAD019371079	GENERAL CHEMICAL CORPORATION	FRAMINGHAM	2,412
9	MAD990886301	SANMINA CORPORATION	WILMINGTON	1,904
10	MAD096287354	SAFETY-KLEENS SYSTEMS, INC.	W. BROOKFIELD	1,875
11	MAD985290865	OMNIGLOW CORPORATION	WEST SPRINGFIELD	1,745
12	MAD000844498	SHIPLEY COMPANY	MARLBOROUGH	1,152
13	MAD088978143	SAFETY-KLEEN SYSTEMS, INC.	MARLBOROUGH	1,095
14	MAD985293802	REXAM IMAGE PRODUCTS	SOUTH HADLEY	964
15	MAD001014182	DYNAMICS RESEARCH CORPORATION	WILMINGTON	927
16	MAD047982152	COYNE TEXTILE SERVICES	NEW BEDFORD	832
17	MAD001114818	SOLUTIA INC.	SPRINGFIELD	764
18	MAR000009605	ISP FREETOWN FINE CHEMICALS INC.	ASSONET	753
19	MAD007325814	TEXAS INSTRUMENTS INC.	ATTLEBORO	675
20	MAD060095569	SAFETY-KLEEN SYSTEMS, INC.	SALISBURY	580
21	MAD056019979	IDEAL TAPE COMPANY	LOWELL	561
22	MAD049424237	COASTAL METAL FINISHING	MERRIMAC	555
23	MAD052924495	ZECCO, INC.	NORTHBORO	550
24	MAD980732614	ANIKA THERAPEUTICS, INC.	WOBURN	536
25	MAD076575513	BOSTON EDISON COMPANY	BOSTON	525
26	MAD065785776	POLYCLAD TECHNOLOGIES	MILLBURY	493
27	MAD001136035	FLEXCON COMPANY, INC.	SPENCER	455
28	MAD094277571	GLOBAL PETROLEUM CORP.	REVERE	449
29	MAD001055235	RAYTHEON COMPANY	ANDOVER	444
30	MAD000846006	SAFETY-KLEEN SYSTEMS, INC.	BRIDGEWATER	434
31	MAD046613279	ATTLEBORO REFINING COMPANY, INC.	ATTLEBORO	423
32	MAD001067941	ALLEGHENY RODNEY	NEW BEDFORD	414
33	MAD051505477	ZENECA SPECIALTIES	DIGHTON	414
34	MAD982198434	PHARM-ECO LABORATORIES, INC.	NORTH ANDOVER	369
35	MAD001008093	C.L. HAUTHAWAY & SONS CORP.	LYNN	344
36	MAD001032358	GLOBE NEWSPAPER CO.	BOSTON	325
37	MAD066605809	GILLETTE MANUFACTURING, INC.	BOSTON	317
38	MAD062163191	POLAROID CORPORATION	NORWOOD	307
39	MAD985290055	BABS FOUNDRY, INC.	NORTON	294
40	MAD000844597	WATERS CORPORATION	TAUNTON	279
41	MAD001047620	DUNCAN GALVANIZING CORP.	EVERETT	275
42	MAD980522817	AMERICAN INSULATED WIRE CORP	SOUTH ATTLEBORO	264
43	MAD000649640	ANALOG DEVICES, INC.	WILMINGTON	234
44	MAR000007955	BORREGAARD SYNTHESIS, INC.	NEWBURYPORT	229
45	MAD058898776	MADICO, INC.	WOBURN	214
46	MAD980912992	PHOTOFABRICATION ENGINEERING	MILFORD	206
47	MAR000010504	INTEL MASSACHUSETTS, INC.	HUDSON	205
48	MAR000011569	EFTC	WILMINGTON	203
49	MAD058060476	POLAROID CORPORATION	NEW BEDFORD	201
50	MA5000005249	TOBIN BRIDGE PAINTING PROJ.	CHARLESTOWN	200
Total				628,364

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MASSACHUSETTS

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 10

16 Quantity of RCRA Hazardous Waste Received: 58,670 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	MAD053452637	CLEAN HARBORS OF BRAINTREE, INC.	BRAINTREE	22,412
2	MAD000604447	SAFETY-KLEEN (NE), INC	LAWRENCE	17,616
3	MAD019371079	GENERAL CHEMICAL CORPORATION	FRAMINGHAM	8,906
4	MAD047075734	JONES ENVIRONMENTAL SERVICES (N.E.) INC.	LOWELL	6,115
5	MAD096287354	SAFETY-KLEENS SYSTEMS, INC.	W. BROOKFIELD	1,225
6	MAD088978143	SAFETY-KLEEN SYSTEMS, INC.	MARLBOROUGH	917
7	MAD060095569	SAFETY-KLEEN SYSTEMS, INC.	SALISBURY	596
8	MAD000846006	SAFETY-KLEEN SYSTEMS, INC.	BRIDGEWATER	531
9	MAD062179890	ENVIRONMENTAL COMPLIANCE CORP	STOUGHTON	352
10	MAD002084093	GENERAL ELECTRIC COMPANY	PITTSFIELD	0
Total				58,670

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

MASSACHUSETTS

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	359	11.2	2	40.0
INCINERATION	M041-M049	5	0.2	2	40.0
ENERGY RECOVERY	M051-M059	352	11.0	1	20.0
FUEL BLENDING	M061	44	1.4	2	40.0
STABILIZATION	M111-M119	2,444	76.3	1	20.0
		3,203	100.0	5	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	2,444	76.3	1	20.0
SOLVENTS RECOVERY	M021-M029	359	11.2	2	40.0
ENERGY RECOVERY	M051-M059	352	11.0	1	20.0
FUEL BLENDING	M061	44	1.4	2	40.0
INCINERATION	M041-M049	5	0.2	2	40.0
		3,203	100.0	5	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	359	11.2	2	40.0
INCINERATION	M041-M049	5	0.2	2	40.0
FUEL BLENDING	M061	44	1.4	2	40.0
ENERGY RECOVERY	M051-M059	352	11.0	1	20.0
STABILIZATION	M111-M119	2,444	76.3	1	20.0
		3,203	100.0	5	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MASSACHUSETTS

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 37,264 Tons

22 Quantity of RCRA Hazardous Waste Exported: 626,537 Tons

MICHIGAN

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 823
- 2 Quantity of RCRA Hazardous Waste Generated: 1,385,375 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	MID981090509	LACKS INDUSTRIES INC	KENTWOOD	255,939
2	MID006013643	PARKE DAVIS DIV OF WARNER LAMBERT	HOLLAND	225,784
3	MID047153077	PRODUCTION PLATED PLASTICS INC)	RICHLAND	160,542
4	MID006409387	PLASTIC PLATE INC	GRAND RAPIDS	124,713
5	MID980615298	PETRO CHEM PROCESSING GRP OF NORTRU	DETROIT	78,129
6	MID000724724	THE DOW CHEMICAL CO	MIDLAND	51,267
7	MID980998538	PLASTIC PLATE INC	KENTWOOD	49,990
8	MIR000027763	CONSUMERS ENERGY MARSHALL	MARSHALL	44,262
9	MID000820381	PHARMACIA & UPJOHN	KALAMAZOO	36,211
10	MID006030373	LOMAC INC	MUSKEGON	34,196
11	MID000809632	DOW CORNING MIDLAND PLT	MIDLAND	30,378
12	MIP200001711	BP AMOCO PETROLEUM PRODUCTS	SHERWOOD	27,938
13	MID985586726	MSX INTERNATIONAL SPECIAL VEHICLES	DETROIT	20,643
14	MID048090633	WAYNE DISPOSAL INC	BELLEVILLE	19,651
15	MID060975844	MICHIGAN RECOVERY SYSTEMS	ROMULUS	16,421
16	MID087054078	NORTH STAR STEEL CO	MONROE	12,110
17	MID005358825	DUPONT PERFORMANCE COATINGS	MT CLEMENS	9,956
18	MID005338801	GAGE PRODUCTS CO	FERNDALE	7,021
19	MID005380258	DOW CHEMICAL CO BAY CITY PLT	BAY CITY	5,838
20	MID080361454	WYCKOFF CHEMICAL CO INC	SOUTH HAVEN	5,750
21	MID981092190	DOUBLE EAGLE STEEL COATING CO	DEARBORN	4,937
22	MID085031599	MASCOTECH BRAUN CO	DETROIT	4,649
23	MID980684088	SOLVENT DISTILLERS GRP OF NORTRU INC	DETROIT	4,220
24	MID068814482	QUANEX CORP MACSTEEL DIV	JACKSON	3,966
25	MID006545511	ESCO CO LIMITED PARTNERSHIP	MUSKEGON	3,875
26	MID064197742	BASF CORP	WYANDOTTE	3,244
27	MID005356902	GM TRUCK GROUP PONTIAC EAST ASSEM.	PONTIAC	3,227
28	MID000724591	SAMUEL WHITTAR INC	DETROIT	3,224
29	MID052052081	VOSS TAYLOR VOSS INDUSTRIES	TAYLOR	3,198
30	MID980991566	USL CITY ENVIRONMENTAL INC	DETROIT	3,163
31	MID005358130	TPI PETROLEUM INC	ALMA	3,084
32	MID980567838	HOSKINS MFG CO	MIO	3,019
33	MID005379714	FORD MOTOR CO WIXOM ASSEMBLY PLT	WIXOM	2,885
34	MID006009310	MDEQ ERD SPEAREFLEX	KALAMAZOO	2,768
35	MID006015598	KEELER BRASS CO	GRAND RAPIDS	2,742
36	MID981197254	MERIDIAN AUTOMOTIVE SYSTEMS IONIA	IONIA	2,674
37	MID006016547	STEELCASE INC-GRAND RAPIDS SITE	GRAND RAPIDS	2,612
38	MID002931228	ANDERSON DEVELOPMENT CO	ADRIAN	2,477
39	MI0000095844	PATTERSON LAKE PRODUCTS	PINCKNEY	2,366
40	MID004916730	ELM PLATING CO	JACKSON	2,307
41	MID103514048	VOSS LANTZ	DETROIT	2,280
42	MID074259565	DYNECOL INC	DETROIT	2,053
43	MID047179437	REILLY PLATING CO	MELVINDALE	2,020
44	MID005506357	MARATHON ASHLAND PETROLEUM LLC	DETROIT	1,824
45	MID980683775	STEELCASE INC - KENTWOOD SITE	KENTWOOD	1,722
46	MID980588305	WOODLAND MEADOWS RECYCLING & DISPOSAL	CANTON TOWNSHIP	1,677
47	MID005379706	FORD MOTOR CO WAYNE ASSEMBLY PLT	WAYNE	1,666
48	MID985569987	DAIMLERCHRYSLER CORP JEFFERSON N ASSEM	DETROIT	1,505
49	MID007138746	BASF CORP	DETROIT	1,491
50	MID981954241	HERMAN MILLER SPRING LAKE CAMPUS	SPRING LAKE	1,479
Total				1,299,094

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MICHIGAN

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	21,548	ONLY AN F CODE	103,753		
ONLY CORROSIVE	245,336	ONLY A K CODE	17,588		
ONLY REACTIVE	92	ONLY A P CODE	16		
ONLY D004-17	16,900	ONLY A U CODE	1,074		
ONLY D018-43	55,653				
HAS MORE THAN ONE CHARACTERISTIC CODE	69,382	HAS MORE THAN ONE LISTED CODE	1,933		
TOTAL	408,912	TOTAL	124,364	Both Characteristic and Listed	852,056

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	53,209			IGN. W/ AT LEAST 1 LSTD	220,841
HAS CORROSIVE CODE	20,866			CORR. W/ AT LEAST 1 LSTD	45,182
HAS REACTIVE CODE	5,930			REACT. W/ AT LEAST 1 LSTD	19,030
HAS D004-D017 CODE	26,126			D004-17 W/ AT LEAST 1 LSTD	718,205
HAS D018-D043 CODE	43,404			D018-43 W/ AT LEAST 1 LSTD	157,602
		HAS AN F CODE	1,932	F WASTE W/ AT LEAST 1 CHAR	837,285
		HAS A K CODE	1,295	K WASTE W/ AT LEAST 1 CHAR	86,806
		HAS A P CODE	1	P WASTE W/ AT LEAST 1 CHAR	190
		HAS A U CODE	638	U WASTE W/ AT LEAST 1 CHAR	80,534
TOTAL	69,382	TOTAL	1,933	TOTAL	852,056

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

MICHIGAN**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 61

7 Quantity of RCRA Hazardous Waste Managed: 1,132,279 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	MID000724831	MICHIGAN DISPOSAL WASTE TREATMENT PLANT	BELLEVILLE	427,118
2	MID006013643	PARKE DAVIS DIV OF WARNER LAMBERT	HOLLAND	203,536
3	MID048090633	WAYNE DISPOSAL INC	BELLEVILLE	148,885
4	MID980615298	PETRO CHEM PROCESSING GRP OF NORTRU	DETROIT	120,923
5	MID980991566	USL CITY ENVIRONMENTAL INC	DETROIT	58,549
6	MID000724724	THE DOW CHEMICAL CO	MIDLAND	44,762
7	MID074259565	DYNECOL INC	DETROIT	35,393
8	MID981200835	SYSTECH ENVIRONMENTAL CORP	ALPENA	33,524
9	MID060975844	MICHIGAN RECOVERY SYSTEMS	ROMULUS	24,190
10	MID005338801	GAGE PRODUCTS CO	FERNDALE	19,262
11	MID980617435	THE DOW CHEMICAL CO	MIDLAND	10,363
12	MID000820381	PHARMACIA & UPJOHN	KALAMAZOO	5,566
13	MID098011992	CYANOKEM INC	DETROIT	208
Total				1,132,279

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

MICHIGAN

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	27,528	2.4	2	15.4
OTHER RECOVERY	M031-M039	2,219	0.2	1	7.7
INCINERATION	M041-M049	53,738	4.7	3	23.1
FUEL BLENDING	M061	170,784	15.1	4	30.8
SLUDGE TREATMENT	M101-M109	2	0.0	1	7.7
STABILIZATION	M111-M119	384,856	34.0	5	38.5
LANDFILL	M132	284,999	25.2	4	30.8
DEEPWELL / UNDERGROUND INJECTION	M134	208,153	18.4	3	23.1
		1,132,279	100.0	13	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	384,856	34.0	5	38.5
LANDFILL	M132	284,999	25.2	4	30.8
DEEPWELL / UNDERGROUND INJECTION	M134	208,153	18.4	3	23.1
FUEL BLENDING	M061	170,784	15.1	4	30.8
INCINERATION	M041-M049	53,738	4.7	3	23.1
SOLVENTS RECOVERY	M021-M029	27,528	2.4	2	15.4
OTHER RECOVERY	M031-M039	2,219	0.2	1	7.7
SLUDGE TREATMENT	M101-M109	2	0.0	1	7.7
		1,132,279	100.0	13	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	384,856	34.0	5	38.5
FUEL BLENDING	M061	170,784	15.1	4	30.8
LANDFILL	M132	284,999	25.2	4	30.8
INCINERATION	M041-M049	53,738	4.7	3	23.1
DEEPWELL / UNDERGROUND INJECTION	M134	208,153	18.4	3	23.1
SOLVENTS RECOVERY	M021-M029	27,528	2.4	2	15.4
OTHER RECOVERY	M031-M039	2,219	0.2	1	7.7
SLUDGE TREATMENT	M101-M109	2	0.0	1	7.7
		1,132,279	100.0	13	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MICHIGAN

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 799

13 Quantity of RCRA Hazardous Waste Shipped: 563,988 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	MID980615298	PETRO CHEM PROCESSING GRP OF NORTRU	DETROIT	81,692
2	MIR000027763	CONSUMERS ENERGY MARSHALL	MARSHALL	44,262
3	MID981200835	SYSTECH ENVIRONMENTAL CORP	ALPENA	36,425
4	MID060975844	MICHIGAN RECOVERY SYSTEMS	ROMULUS	31,690
5	MID000820381	PHARMACIA & UPJOHN	KALAMAZOO	30,687
6	MID000809632	DOW CORNING MIDLAND PLT	MIDLAND	30,349
7	MIP200001711	BP AMOCO PETROLEUM PRODUCTS	SHERWOOD	27,938
8	MID006013643	PARKE DAVIS DIV OF WARNER LAMBERT	HOLLAND	22,248
9	MID985586726	MSX INTERNATIONAL SPECIAL VEHICLES	DETROIT	20,643
10	MID000724724	THE DOW CHEMICAL CO	MIDLAND	14,003
11	MID087054078	NORTH STAR STEEL CO	MONROE	12,110
12	MID005356951	GMC CHEVROLET FLINT VAN SLYKE COMPLEX	FLINT	7,076
13	MID005338801	GAGE PRODUCTS CO	FERNDALE	7,021
14	MID005358825	DUPONT PERFORMANCE COATINGS	MT CLEMENS	6,131
15	MID005380258	DOW CHEMICAL CO BAY CITY PLT	BAY CITY	5,838
16	MID080361454	WYCKOFF CHEMICAL CO INC	SOUTH HAVEN	5,708
17	MID006030373	LOMAC INC	MUSKEGON	5,494
18	MID981092190	DOUBLE EAGLE STEEL COATING CO	DEARBORN	4,937
19	MID085031599	MASCOTECH BRAUN CO	DETROIT	4,649
20	MID091605972	DETREX CORP	DETROIT	4,355
21	MID980684088	SOLVENT DISTILLERS GRP OF NORTRU INC	DETROIT	4,220
22	MID068814482	QUANEX CORP MACSTEEL DIV	JACKSON	3,966
23	MID980991566	USL CITY ENVIRONMENTAL INC	DETROIT	3,726
24	MID000724831	MICHIGAN DISPOSAL WASTE TREATMENT PLANT	BELLEVILLE	3,351
25	MID000724591	SAMUEL WHITTAR INC	DETROIT	3,266
26	MID064197742	BASF CORP	WYANDOTTE	3,242
27	MID005356902	GM TRUCK GROUP PONTIAC EAST ASSEM.	PONTIAC	3,227
28	MID052052081	VOSS TAYLOR VOSS INDUSTRIES	TAYLOR	3,198
29	MID048090633	WAYNE DISPOSAL INC	BELLEVILLE	3,077
30	MID005379714	FORD MOTOR CO WIXOM ASSEMBLY PLT	WIXOM	2,885
31	MID006009310	MDEQ ERD SPEAREFLEX	KALAMAZOO	2,768
32	MID981197254	MERIDIAN AUTOMOTIVE SYSTEMS IONIA	IONIA	2,674
33	MID002931228	ANDERSON DEVELOPMENT CO	ADRIAN	2,475
34	MID000095844	PATTERSON LAKE PRODUCTS	PINCKNEY	2,366
35	MID004916730	ELM PLATING CO	JACKSON	2,307
36	MID005358130	TPI PETROLEUM INC	ALMA	2,306
37	MID103514048	VOSS LANTZ	DETROIT	2,280
38	MID074259565	DYNECOL INC	DETROIT	2,053
39	MID006545511	ESCO CO LIMITED PARTNERSHIP	MUSKEGON	2,040
40	MID047179437	REILLY PLATING CO	MELVINDALE	2,020
41	MID005506357	MARATHON ASHLAND PETROLEUM LLC	DETROIT	1,824
42	MID980683775	STEELCASE INC - KENTWOOD SITE	KENTWOOD	1,722
43	MID980588305	WOODLAND MEADOWS RECYCLING & DISPOSAL	CANTON TOWNSHIP	1,677
44	MID005379706	FORD MOTOR CO WAYNE ASSEMBLY PLT	WAYNE	1,666
45	MID985569987	DAIMLERCHRYSLER CORP JEFFERSON N ASSEM	DETROIT	1,527
46	MID007138746	BASF CORP	DETROIT	1,482
47	MID985619824	NORTRU RESOURCES GROUP OF NORTRU INC	DETROIT	1,477
48	MID005358783	FEDERAL-MOGUL CORP	ST JOHNS	1,393
49	MID005363114	ATOFINA CHEMICALS INC RIVERVIEW	RIVERVIEW	1,384
50	MID981090509	LACKS INDUSTRIES INC	KENTWOOD	1,342
Total				476,197

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MICHIGAN

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 13
- 16 Quantity of RCRA Hazardous Waste Received: 609,295 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	MID000724831	MICHIGAN DISPOSAL WASTE TREATMENT PLANT	BELLEVILLE	220,568
2	MID048090633	WAYNE DISPOSAL INC	BELLEVILLE	131,759
3	MID980991566	USL CITY ENVIRONMENTAL INC	DETROIT	58,549
4	MID980615298	PETRO CHEM PROCESSING GRP OF NORTRU	DETROIT	53,900
5	MID074259565	DYNECOL INC	DETROIT	36,239
6	MID060975844	MICHIGAN RECOVERY SYSTEMS	ROMULUS	35,763
7	MID981200835	SYSTECH ENVIRONMENTAL CORP	ALPENA	33,524
8	MID005338801	GAGE PRODUCTS CO	FERNDALE	19,264
9	MID980617435	THE DOW CHEMICAL CO	MIDLAND	10,363
10	MID098011992	CYANOKEM INC	DETROIT	6,048
11	MID000724724	THE DOW CHEMICAL CO	MIDLAND	2,917
12	MID091605972	DETREX CORP	DETROIT	350
13	MID053343976	MICHIGAN STATE UNIVERSITY	EAST LANSING	52
Total				609,295

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

MICHIGAN

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	27,528	4.8	2	18.2
OTHER RECOVERY	M031-M039	2,219	0.4	1	9.1
INCINERATION	M041-M049	10,168	1.8	2	18.2
FUEL BLENDING	M061	91,755	15.9	4	36.4
SLUDGE TREATMENT	M101-M109	2	0.0	1	9.1
STABILIZATION	M111-M119	281,001	48.6	4	36.4
LANDFILL	M132	165,126	28.5	3	27.3
DEEPWELL / UNDERGROUND INJECTION	M134	775	0.1	1	9.1
		578,575	100.0	11	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	281,001	48.6	4	36.4
LANDFILL	M132	165,126	28.5	3	27.3
FUEL BLENDING	M061	91,755	15.9	4	36.4
SOLVENTS RECOVERY	M021-M029	27,528	4.8	2	18.2
INCINERATION	M041-M049	10,168	1.8	2	18.2
OTHER RECOVERY	M031-M039	2,219	0.4	1	9.1
DEEPWELL / UNDERGROUND INJECTION	M134	775	0.1	1	9.1
SLUDGE TREATMENT	M101-M109	2	0.0	1	9.1
		578,575	100.0	11	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	91,755	15.9	4	36.4
STABILIZATION	M111-M119	281,001	48.6	4	36.4
LANDFILL	M132	165,126	28.5	3	27.3
SOLVENTS RECOVERY	M021-M029	27,528	4.8	2	18.2
INCINERATION	M041-M049	10,168	1.8	2	18.2
OTHER RECOVERY	M031-M039	2,219	0.4	1	9.1
SLUDGE TREATMENT	M101-M109	2	0.0	1	9.1
DEEPWELL / UNDERGROUND INJECTION	M134	775	0.1	1	9.1
		578,575	100.0	11	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MICHIGAN

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 338,610 Tons

22 Quantity of RCRA Hazardous Waste Exported: 297,185 Tons

MINNESOTA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 262
- 2 Quantity of RCRA Hazardous Waste Generated: 56,573 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	MND041775008	NORTH STAR STEEL	ST PAUL	10,084
2	MN7213820908	US ARMY TWIN CITIES ARMY AMMO PLANT	ARDEN HILLS	6,598
3	MND006172969	3M COTTAGE GROVE	COTTAGE GROVE	4,799
4	MND981098478	US FILTER RECOVERY SERVICES INC.	ROSEVILLE	4,710
5	MND000686071	KOCH PETROLEUM GROUP, L.P.	INVER GROVE HEIGHTS	3,903
6	MND006172902	3M TAPE MFG DIV PLANT	HUTCHINSON	2,267
7	MND001037639	JOHNSON MATTHEY ADVANCED CIRCUITS, INC.	ROSEVILLE	1,982
8	MND006147268	SHELDAHL INC.	NORTHFIELD	1,776
9	MND980700900	BUREAU OF ENGRAVING	MINNEAPOLIS	994
10	MND000824029	3M MAIN PLANT	ST. PAUL	947
11	MND006456768	HUTCHINSON TECHNOLOGY INC	HUTCHINSON	935
12	MND006207773	FORD MOTOR COMPANY	ST. PAUL	797
13	MND006173082	3 M CENTER-MAINTENANCE RESEARCH	MAPLEWOOD	733
14	MND042651687	JOHNSON MATTHEY ADVANCED CIRCUITS, INC	MINNETONKA	724
15	MND006162820	MARATHON ASHLAND PETROLEUM, LLC	ST.PAUL.PARK	700
16	MNT280010257	NICO PRODUCTS, INC.	MINNEAPOLIS	681
17	MND006172621	CO-OPERATIVE PLATING COMPANY	ST. PAUL	664
18	MND006963508	NORTHWEST AIRLINES, INC.	ST.PAUL	484
19	MND006156590	FEDERAL CARTRIDGE COMPANY	ANOKA	426
20	MNR000004994	JOHNSON MATTHEY ADVANCED CIRCUITS INC	BUFFALO	394
21	MND000608547	JOHNSON MATTHEY ADVANCED CIRCUITS, INC.	ST. LOUIS PARK	340
22	MND006478523	DOUGLAS CORPORATION	ST. LOUIS PARK	337
23	MNR000019174	PINE BEND LLC BROWNING FERRIS GAS SERVIC	INVER GROVE HEIGHTS	311
24	MND000808923	CONSOLIDATED CONTAINER CORP.-A PALEX CO.	MINNEAPOLIS	310
25	MND006161756	IBM CORPORATION	ROCHESTER	284
26	MND006167332	ANDERSEN CORPORATION	BAYPORT	271
27	MND050730175	HARD CHROME INC	MINNEAPOLIS	251
28	MND980794705	DOUGLAS CORPORATION	EDEN PRAIRIE	247
29	MND981089832	UNIVERSAL CIRCUITS INC.	MAPLE GROVE	240
30	MND006253801	SUPERIOR PLATING INC	MINNEAPOLIS	226
31	MND079727061	PECHINEY PLASTIC PACKAGING	MINNEAPOLIS	200
32	MND006160014	PLATING, INC	ST. PAUL	191
33	MND981196215	NOBLE INDUSTRIES LTD.	HIBBING	180
34	MND985767482	ECO FINISHING INC	FRIDLEY	176
35	MND077636397	INNOVEX INC	LITCHFIELD	175
36	MND006209860	CRYSTAL CABINET WORKS INC	PRINCETON	175
37	MND151774049	MINNESOTA TWIST DRILL INC	CHISHOLM	172
38	MNR000052050	TWIN CITY CONTAINER	HASTINGS	162
39	MND985759315	MERCURY WASTE SOLUTIONS	ROSEVILLE	158
40	MND985762681	QUALITY CIRCUITS	FERGUS FALLS	156
41	MND980680540	JOHNSON MATTHEY ADVANCED CIRCUITS	HOPKINS	156
42	MND985688670	ROCHESTER MEDICAL CORP	STEWARTVILLE	152
43	MND985713452	CENTURY CIRCUITS & ELECTRONICS	ST. PAUL	147
44	MND050742014	CROWN & CORK & SEAL-FARIBAULT	FARIBAULT	143
45	MNR000056986	NATURAL BIOLOGICS LLC	ALBERT LEA	131
46	MND980501167	CRENLO INC PLANT #2	ROCHESTER	126
47	MND985680255	NATIONAL COATINGS INC	DODGE CENTER	124
48	MND981190549	DUGAS BOWERS PLATING CO	FRIDLEY	122
49	MND982424202	SHELDAHL INC.	NORTHFIELD	121
50	MND061457149	STREATER INC.	ALBERT LEA	115
Total				50,501

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

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MINNESOTA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	1,533	ONLY AN F CODE	10,058		
ONLY CORROSIVE	2,389	ONLY A K CODE	11,026		
ONLY REACTIVE	10	ONLY A P CODE	0		
ONLY D004-17	8,798	ONLY A U CODE	3		
ONLY D018-43	252				
HAS MORE THAN ONE CHARACTERISTIC CODE	7,696	HAS MORE THAN ONE LISTED CODE	1		
TOTAL	20,679	TOTAL	21,090	Both Characteristic and Listed	14,748

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	1,291			IGN. W/ AT LEAST 1 LSTD	8,764
HAS CORROSIVE CODE	6,418			CORR. W/ AT LEAST 1 LSTD	2,115
HAS REACTIVE CODE	64			REACT. W/ AT LEAST 1 LSTD	1,731
HAS D004-D017 CODE	6,672			D004-17 W/ AT LEAST 1 LSTD	6,079
HAS D018-D043 CODE	1,087			D018-43 W/ AT LEAST 1 LSTD	8,549
		HAS AN F CODE	1	F WASTE W/ AT LEAST 1 CHAR	13,776
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	1,755
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	1,391
		HAS A U CODE	1	U WASTE W/ AT LEAST 1 CHAR	1,822
TOTAL	7,696	TOTAL	1	TOTAL	14,748

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

MINNESOTA**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 40

7 Quantity of RCRA Hazardous Waste Managed: 29,958 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	MND006172969	3M COTTAGE GROVE	COTTAGE GROVE	18,619
2	MN7213820908	US ARMY TWIN CITIES ARMY AMMO PLANT	ARDEN HILLS	6,582
3	MND981098478	US FILTER RECOVERY SERVICES INC.	ROSEVILLE	3,525
4	MND132349440	MELL'S TRUCKING & SOLVENT, INC.	MANKATO	687
5	MN0000903468	SUPERIOR SPECIAL SERVICES, INC.	BLOOMINGTON	490
6	MND083467688	MAYO FOUNDATION	ROCHESTER	40
7	MND006156590	FEDERAL CARTRIDGE COMPANY	ANOKA	11
8	MND080248750	APPLIED COATING TECHNOLOGY	MENDOTA HEIGHTS	2
9	MN0000981415	UNIV. OF MINNESOTA - IWMF	MINNEAPOLIS	1
10	MND081138604	ALLIANT TECHSYSTEMS PROVING GROUNDS	ELK RIVER	0
Total				29,958

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

MINNESOTA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	3,147	10.5	3	30.0
SOLVENTS RECOVERY	M021-M029	3	0.0	2	20.0
OTHER RECOVERY	M031-M039	730	2.4	1	10.0
INCINERATION	M041-M049	19,317	64.5	3	30.0
ENERGY RECOVERY	M051-M059	40	0.1	1	10.0
SLUDGE TREATMENT	M101-M109	138	0.5	1	10.0
STABILIZATION	M111-M119	6,582	22.0	2	20.0
		29,958	100.0	10	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	19,317	64.5	3	30.0
STABILIZATION	M111-M119	6,582	22.0	2	20.0
METALS RECOVERY	M011-M019	3,147	10.5	3	30.0
OTHER RECOVERY	M031-M039	730	2.4	1	10.0
SLUDGE TREATMENT	M101-M109	138	0.5	1	10.0
ENERGY RECOVERY	M051-M059	40	0.1	1	10.0
SOLVENTS RECOVERY	M021-M029	3	0.0	2	20.0
		29,958	100.0	10	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	3,147	10.5	3	30.0
INCINERATION	M041-M049	19,317	64.5	3	30.0
SOLVENTS RECOVERY	M021-M029	3	0.0	2	20.0
STABILIZATION	M111-M119	6,582	22.0	2	20.0
OTHER RECOVERY	M031-M039	730	2.4	1	10.0
ENERGY RECOVERY	M051-M059	40	0.1	1	10.0
SLUDGE TREATMENT	M101-M109	138	0.5	1	10.0
		29,958	100.0	10	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MINNESOTA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 258

13 Quantity of RCRA Hazardous Waste Shipped: 55,671 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	MND041775008	NORTH STAR STEEL	ST PAUL	10,084
2	MND006172969	3M COTTAGE GROVE	COTTAGE GROVE	7,185
3	MND981098478	US FILTER RECOVERY SERVICES INC.	ROSEVILLE	4,792
4	MND000686071	KOCH PETROLEUM GROUP, L.P.	INVER GROVE HEIGHTS	3,905
5	MND006172902	3M TAPE MFG DIV PLANT	HUTCHINSON	2,267
6	MND001037639	JOHNSON MATTHEY ADVANCED CIRCUITS, INC.	ROSEVILLE	1,982
7	MND006147268	SHELDAHL INC.	NORTHFIELD	1,836
8	MND981953045	SAFETY-KLEEN SYSTEMS	BLAINE	1,035
9	MND980700900	BUREAU OF ENGRAVING	MINNEAPOLIS	994
10	MND000824029	3M MAIN PLANT	ST. PAUL	947
11	MND006456768	HUTCHINSON TECHNOLOGY INC	HUTCHINSON	935
12	MND981097884	SAFETY-KLEEN SYSTEMS	EAGAN	915
13	MND006207773	FORD MOTOR COMPANY	ST. PAUL	797
14	MND006173082	3 M CENTER-MAINTENANCE RESEARCH	MAPLEWOOD	742
15	MND042651687	JOHNSON MATTHEY ADVANCED CIRCUITS, INC	MINNETONKA	724
16	MND006162820	MARATHON ASHLAND PETROLEUM, LLC	ST.PAUL.PARK	699
17	MNT280010257	NICO PRODUCTS, INC.	MINNEAPOLIS	681
18	MND132349440	MELL'S TRUCKING & SOLVENT, INC.	MANKATO	676
19	MND006172621	CO-OPERATIVE PLATING COMPANY	ST. PAUL	664
20	MND000686709	ASHLAND CHEMICAL COMPANY	SHAKOPEE	607
21	MND006156590	FEDERAL CARTRIDGE COMPANY	ANOKA	407
22	MNR000004994	JOHNSON MATTHEY ADVANCED CIRCUITS INC	BUFFALO	390
23	MND006963508	NORTHWEST AIRLINES, INC.	ST.PAUL	374
24	MND980615736	VAN WATERS & ROGERS	ST. PAUL	355
25	MND000608547	JOHNSON MATTHEY ADVANCED CIRCUITS, INC.	ST. LOUIS PARK	353
26	MNR000019174	PINE BEND LLC BROWNING FERRIS GAS SERVIC	INVER GROVE HEIGHTS	311
27	MND000808923	CONSOLIDATED CONTAINER CORP.-A PALEX CO.	MINNEAPOLIS	310
28	MND006161756	IBM CORPORATION	ROCHESTER	281
29	MND006167332	ANDERSEN CORPORATION	BAYPORT	271
30	MND050730175	HARD CHROME INC	MINNEAPOLIS	251
31	MND980794705	DOUGLAS CORPORATION	EDEN PRAIRIE	247
32	MND981089832	UNIVERSAL CIRCUITS INC.	MAPLE GROVE	240
33	MND006253801	SUPERIOR PLATING INC	MINNEAPOLIS	225
34	MND079727061	PECHINEY PLASTIC PACKAGING	MINNEAPOLIS	200
35	MND006160014	PLATING, INC	ST. PAUL	191
36	MND981196215	NOBLE INDUSTRIES LTD.	HIBBING	180
37	MND985767482	ECO FINISHING INC	FRIDLEY	176
38	MND077636397	INNOVEX INC	LITCHFIELD	175
39	MND151774049	MINNESOTA TWIST DRILL INC	CHISHOLM	172
40	MND006209860	CRYSTAL CABINET WORKS INC	PRINCETON	169
41	MNR000052050	TWIN CITY CONTAINER	HASTINGS	162
42	MND985759315	MERCURY WASTE SOLUTIONS	ROSEVILLE	158
43	MND985762681	QUALITY CIRCUITS	FERGUS FALLS	156
44	MND980680540	JOHNSON MATTHEY ADVANCED CIRCUITS	HOPKINS	156
45	MND985688670	ROCHESTER MEDICAL CORP	STEWARTVILLE	152
46	MND985713452	CENTURY CIRCUITS & ELECTRONICS	ST. PAUL	147
47	MN0000903468	SUPERIOR SPECIAL SERVICES, INC.	BLOOMINGTON	144
48	MND050742014	CROWN & CORK & SEAL-FARIBAULT	FARIBAULT	143
49	MNR000056986	NATURAL BIOLOGICS LLC	ALBERT LEA	131
50	MND980501167	CRENLO INC PLANT #2	ROCHESTER	126
Total				49,225

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MINNESOTA

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 11
- 16 Quantity of RCRA Hazardous Waste Received: 28,223 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	MND006172969	3M COTTAGE GROVE	COTTAGE GROVE	18,913
2	MND981098478	US FILTER RECOVERY SERVICES INC.	ROSEVILLE	6,948
3	MND132349440	MELL'S TRUCKING & SOLVENT, INC.	MANKATO	687
4	MND000686709	ASHLAND CHEMICAL COMPANY	SHAKOPEE	594
5	MN0000903468	SUPERIOR SPECIAL SERVICES, INC.	BLOOMINGTON	488
6	MND980615736	VAN WATERS & ROGERS	ST. PAUL	386
7	MN0000981415	UNIV. OF MINNESOTA - IWMF	MINNEAPOLIS	134
8	MND000826206	NSP CHESTNUT SERVICE CENTER	MINNEAPOLIS	60
9	MND000773341	MINNESOTA AIR NATIONAL GUARD	DULUTH	10
10	MND000824052	MINNESOTA POWER	DULUTH	3
11	MND985759315	MERCURY WASTE SOLUTIONS	ROSEVILLE	1
Total				28,223

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

MINNESOTA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	3,145	13.5	2	40.0
SOLVENTS RECOVERY	M021-M029	1	0.0	1	20.0
OTHER RECOVERY	M031-M039	730	3.1	1	20.0
INCINERATION	M041-M049	19,306	82.8	2	40.0
SLUDGE TREATMENT	M101-M109	138	0.6	1	20.0
STABILIZATION	M111-M119	0	0.0	1	20.0
		23,320	100.0	5	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	19,306	82.8	2	40.0
METALS RECOVERY	M011-M019	3,145	13.5	2	40.0
OTHER RECOVERY	M031-M039	730	3.1	1	20.0
SLUDGE TREATMENT	M101-M109	138	0.6	1	20.0
SOLVENTS RECOVERY	M021-M029	1	0.0	1	20.0
STABILIZATION	M111-M119	0	0.0	1	20.0
		23,320	100.0	5	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	3,145	13.5	2	40.0
INCINERATION	M041-M049	19,306	82.8	2	40.0
SOLVENTS RECOVERY	M021-M029	1	0.0	1	20.0
OTHER RECOVERY	M031-M039	730	3.1	1	20.0
SLUDGE TREATMENT	M101-M109	138	0.6	1	20.0
STABILIZATION	M111-M119	0	0.0	1	20.0
		23,320	100.0	5	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MINNESOTA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 14,272 Tons

22 Quantity of RCRA Hazardous Waste Exported: 40,306 Tons

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1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 136
- 2 Quantity of RCRA Hazardous Waste Generated: 1,598,642 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	MSD096046792	E.I.DUPONT DE NEMOURS & CO DELISLE PLANT	PASS CHRISTIAN	1,183,885
2	MSD008186587	MORTON INTERNATIONAL	MOSS POINT	390,834
3	MSD033417031	FIRST CHEMICAL CORP.	PASCAGOULA	6,468
4	MSD008158685	BIRMINGHAM SOUTHEAST, LLC	FLOWOOD	5,876
5	MSD004001244	OMNOVA SOLUTIONS	COLUMBUS	1,896
6	MSD097904932	ALCOA EXTRUSIONS	HERNANDO	1,438
7	MSD054179403	CHEVRON PRODUCTS CO-PASCAGOULA REFINERY	PASCAGOULA	861
8	MSD000742668	GE PLASTICS	BAY ST. LOUIS	853
9	MSD050648757	INGALLS SHIPBUILDING, INC. WEST BANK	PASCAGOULA	541
10	MSD980601512	MORTON INT - ELECTRONIC MATERIALS	MOSS POINT	487
11	MSD052512027	AZTEC INDUSTRIES	RICHLAND	453
12	MSD985980481	DOUBLECOTE, LLC	JACKSON	400
13	MSD985966514	CENTRAL GALVANIZING	KOSCIUSKO	310
14	MSD041165747	AKZO NOBEL COATINGS, INC.	CLINTON	308
15	MS0000043307	PRECOAT METALS	JACKSON	229
16	MSD982110389	HUNTER DOUGLAS - TUPELO CENTER	SHANNON	221
17	MSD066106923	PLATTE CHEMICAL CO	GREENVILLE	178
18	MSD081341729	WORLD COLOR	CORINTH	155
19	MSD057226961	CAVENHAM FOREST PRODUCTS, INC.	GULFPORT	135
20	MSD007039381	KRUEGER INTERNATIONAL	TUPELO	131
21	MSD007027543	KOPPERS INDUSTRIES, INC.	TIE PLANT	128
22	MS2170022626	NAVAL CONSTRUCTION BATTALION CTR	GULFPORT	127
23	MSD982106700	ZEON CHEMICALS LP	HATTIESBURG	118
24	MSD063947790	PIPER IMPACT, INC.	NEW ALBANY	111
25	MSD982112872	PLYMOUTH TUBE COMPANY	EUPORA	109
26	MSD985980846	ELECTRIC MILLS WOOD PRESERVING	SCOOBA	104
27	MSD054531215	TRUE TEMPER SPORTS, INC	AMORY	91
28	MSD980516363	TEXAS EASTERN TRANSMISSION CORP UNION CH	UNION CHRCH	80
29	MSD098590615	INGALLS SHIPBUILDING, INC. EAST BANK	PASCAGOULA	78
30	MSD982114712	REMAN, INC.	POLKVILLE	76
31	MSD010384766	SOUTHLAND OIL - LUMBERTON	LUMBERTON	76
32	MS2800090001	STENNIS SPACE CENTER	STENNIS SPACE CENTER	75
33	MSD982770547	THE VALVOLINE COMPANY, PYROIL FACILITY	HERNANDO	72
34	MSR000005025	ODOM INDUSTRIES	PACHUTA	72
35	MSD007016843	BALDWIN PIANO & ORGAN COMPANY	GREENWOOD	68
36	MSD985979996	A & B CORES, INC.	RALEIGH	60
37	MSD008184657	VALSPAR REFINISH, INC.	PICAYUNE	53
38	MSD050239698	NATIONAL PICTURE & FRAME CO WOOD PLANT	GREENWOOD	51
39	MSD006294771	CHROMCRAFT FURNITURE	SENATOBIA	51
40	MSD050985191	SANDERSON PLUMBING PRODUCTS, INC.	COLUMBUS	49
41	MSD082008921	VAN LEER CONTAINERS	CANTON	44
42	MSR000004481	CATERPILLAR INC.	OXFORD	43
43	MSD985968452	T&L SPECIALTY, INC.	TUPELO	40
44	MSD033394602	PEAVEY ELECTRONICS CORP.- PLANT 3	MERIDIAN	39
45	MSD982173189	PAC ONE, INC	SUMMIT	38
46	MSD982770745	ERSHINGS - BILOXI	BILOXI	37
47	MS7570024060	COLUMBUS AFB	COLUMBUS AFB	35
48	MSD980516488	TEXAS EASTERN TRANSMISSION CORP KOSCIUSK	KOSCIUSKO	33
49	MSD002088474	SUPER SAGLESS CORP	TUPELO	32
50	MSD980579551	COLUMBIA GULF TRANS CORINTH	CORINTH	32
Total				1,597,682

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MISSISSIPPI

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	2,572	ONLY AN F CODE	963		
ONLY CORROSIVE	112	ONLY A K CODE	10,067		
ONLY REACTIVE	1	ONLY A P CODE	24		
ONLY D004-17	1,933	ONLY A U CODE	40		
ONLY D018-43	129				
HAS MORE THAN ONE CHARACTERISTIC CODE	1,185,293	HAS MORE THAN ONE LISTED CODE	2		
TOTAL	1,190,039	TOTAL	11,096	Both Characteristic and Listed	397,504

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	470			IGN. W/ AT LEAST 1 LSTD	6,744
HAS CORROSIVE CODE	1,184,886			CORR. W/ AT LEAST 1 LSTD	12
HAS REACTIVE CODE	2			REACT. W/ AT LEAST 1 LSTD	390,444
HAS D004-D017 CODE	1,185,101			D004-17 W/ AT LEAST 1 LSTD	927
HAS D018-D043 CODE	331			D018-43 W/ AT LEAST 1 LSTD	393,202
		HAS AN F CODE	2	F WASTE W/ AT LEAST 1 CHAR	394,938
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	2,508
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	1
		HAS A U CODE	2	U WASTE W/ AT LEAST 1 CHAR	64
TOTAL	1,185,293	TOTAL	2	TOTAL	397,504

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

MISSISSIPPI**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 19

7 Quantity of RCRA Hazardous Waste Managed: 45,763 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	MSD077655876	HOLNAM, INC	ARTESIA	38,175
2	MSD033417031	FIRST CHEMICAL CORP.	PASCAGOULA	4,494
3	MSD096046792	E.I.DUPONT DE NEMOURS & CO DELISLE PLANT	PASS CHRISTIAN	3,080
4	MSD000776765	SAFETY-KLEEN	JACKSON	5
5	MSD054176052	HALTER MARINE GULFPORT	GULFPORT	5
6	MSD008186587	MORTON INTERNATIONAL	MOSS POINT	3
7	MSD000742668	GE PLASTICS	BAY ST. LOUIS	2
Total				45,763

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

MISSISSIPPI

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	5	0.0	1	14.3
SOLVENTS RECOVERY	M021-M029	7	0.0	2	28.6
INCINERATION	M041-M049	3,039	6.6	1	14.3
ENERGY RECOVERY	M051-M059	39,629	86.6	2	28.6
STABILIZATION	M111-M119	2	0.0	1	14.3
DEEPWELL / UNDERGROUND INJECTION	M134	3,082	6.7	2	28.6
		45,763	100.0	7	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	39,629	86.6	2	28.6
DEEPWELL / UNDERGROUND INJECTION	M134	3,082	6.7	2	28.6
INCINERATION	M041-M049	3,039	6.6	1	14.3
SOLVENTS RECOVERY	M021-M029	7	0.0	2	28.6
METALS RECOVERY	M011-M019	5	0.0	1	14.3
STABILIZATION	M111-M119	2	0.0	1	14.3
		45,763	100.0	7	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	7	0.0	2	28.6
ENERGY RECOVERY	M051-M059	39,629	86.6	2	28.6
DEEPWELL / UNDERGROUND INJECTION	M134	3,082	6.7	2	28.6
METALS RECOVERY	M011-M019	5	0.0	1	14.3
INCINERATION	M041-M049	3,039	6.6	1	14.3
STABILIZATION	M111-M119	2	0.0	1	14.3
		45,763	100.0	7	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MISSISSIPPI

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 132

13 Quantity of RCRA Hazardous Waste Shipped: 25,924 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	MSD008186587	MORTON INTERNATIONAL	MOSS POINT	7,871
2	MSD008158685	BIRMINGHAM SOUTHEAST, LLC	FLOWOOD	5,876
3	MSD033417031	FIRST CHEMICAL CORP.	PASCAGOULA	1,970
4	MSD000776765	SAFETY-KLEEN	JACKSON	977
5	MSD000742668	GE PLASTICS	BAY ST. LOUIS	853
6	MSD054179403	CHEVRON PRODUCTS CO-PASCAGOULA REFINERY	PASCAGOULA	720
7	MSD981030984	SAFETY-KLEEN SYSTEMS, INC	SOUTHAVEN	605
8	MSD050648757	INGALLS SHIPBUILDING, INC. WEST BANK	PASCAGOULA	541
9	MSD980601512	MORTON INT - ELECTRONIC MATERIALS	MOSS POINT	487
10	MSD004001244	OMNOVA SOLUTIONS	COLUMBUS	449
11	MSD052512027	AZTEC INDUSTRIES	RICHLAND	400
12	MSD985980481	DOUBLECOTE, LLC	JACKSON	400
13	MSD982106700	ZEON CHEMICALS LP	HATTIESBURG	355
14	MSD985966514	CENTRAL GALVANIZING	KOSCIUSKO	310
15	MSD041165747	AKZO NOBEL COATINGS, INC.	CLINTON	308
16	MS0000043307	PRECOAT METALS	JACKSON	237
17	MSD982110389	HUNTER DOUGLAS - TUPELO CENTER	SHANNON	221
18	MSD066106923	PLATTE CHEMICAL CO	GREENVILLE	178
19	MSD081341729	WORLD COLOR	CORINTH	155
20	MSD007039381	KRUEGER INTERNATIONAL	TUPELO	131
21	MSD007027543	KOPPERS INDUSTRIES, INC.	TIE PLANT	128
22	MS2170022626	NAVAL CONSTRUCTION BATTALION CTR	GULFPORT	127
23	MSD063947790	PIPER IMPACT, INC.	NEW ALBANY	111
24	MSD982112872	PLYMOUTH TUBE COMPANY	EUPORA	109
25	MSD985980846	ELECTRIC MILLS WOOD PRESERVING	SCOوبا	104
26	MSD097904932	ALCOA EXTRUSIONS	HERNANDO	91
27	MSD054531215	TRUE TEMPER SPORTS, INC	AMORY	91
28	MSD098590615	INGALLS SHIPBUILDING, INC. EAST BANK	PASCAGOULA	78
29	MSD982173189	PAC ONE, INC	SUMMIT	77
30	MSD982114712	REMAN, INC.	POLKVILLE	76
31	MSD010384766	SOUTHLAND OIL - LUMBERTON	LUMBERTON	76
32	MS2800090001	STENNIS SPACE CENTER	STENNIS SPACE CENTER	75
33	MSD982770547	THE VALVOLINE COMPANY, PYROIL FACILITY	HERNANDO	72
34	MSR000005025	ODOM INDUSTRIES	PACHUTA	72
35	MSD980516363	TEXAS EASTERN TRANSMISSION CORP UNION CH	UNION CHRCH	71
36	MSD985979996	A & B CORES, INC.	RALEIGH	60
37	MSD008184657	VALSPAR REFINISH, INC.	PICAYUNE	53
38	MSD985968452	T&L SPECIALTY, INC.	TUPELO	53
39	MSD006294771	CHROMCRAFT FURNITURE	SENATOBIA	51
40	MSR000004481	CATERPILLAR INC.	OXFORD	43
41	MSD050239698	NATIONAL PICTURE & FRAME CO WOOD PLANT	GREENWOOD	42
42	MSD007016843	BALDWIN PIANO & ORGAN COMPANY	GREENWOOD	40
43	MSD033394602	PEAVEY ELECTRONICS CORP.- PLANT 3	MERIDIAN	39
44	MSD082008921	VAN LEER CONTAINERS	CANTON	36
45	MS7570024060	COLUMBUS AFB	COLUMBUS AFB	35
46	MSD002088474	SUPER SAGLESS CORP	TUPELO	32
47	MSD980579551	COLUMBIA GULF TRANS CORINTH	CORINTH	32
48	MSD008183519	FERNWOOD INDUSTRIES	FERNWOOD	32
49	MSD980516488	TEXAS EASTERN TRANSMISSION CORP KOSCIUSK	KOSCIUSKO	31
50	MSD043417476	HOWARD INDUSTRIES, INC	LAUREL	31
Total				25,013

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MISSISSIPPI

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 3

16 Quantity of RCRA Hazardous Waste Received: 38,757 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	MSD077655876	HOLNAM, INC	ARTESIA	38,174
2	MSD000776765	SAFETY-KLEEN	JACKSON	398
3	MSD981030984	SAFETY-KLEEN SYSTEMS, INC	SOUTHAVEN	185
Total				38,757

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

MISSISSIPPI

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	5	0.0	1	50.0
ENERGY RECOVERY	M051-M059	38,174	100.0	1	50.0
		38,179	100.0	2	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	38,174	100.0	1	50.0
METALS RECOVERY	M011-M019	5	0.0	1	50.0
		38,179	100.0	2	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	5	0.0	1	50.0
ENERGY RECOVERY	M051-M059	38,174	100.0	1	50.0
		38,179	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MISSISSIPPI

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 37,903 Tons

22 Quantity of RCRA Hazardous Waste Exported: 25,454 Tons

MISSOURI

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 312
- 2 Quantity of RCRA Hazardous Waste Generated: 158,682 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	MOD030712822	EXIDE CORP-CANON HOLLOW PLT	FOREST CITY	30,325
2	MO0000899260	UNIVERSAL GALVANIZING INC	ST PETERS	27,050
3	MOD985791995	TEVA PHARMACEUTICALS USA	MEXICO	25,009
4	MO0000031823	GS TECHNOLOGIES OPERATING CO. INC.	KANSAS CITY	14,959
5	MOD057894321	3M COMPANY	NEVADA,	6,855
6	MOD096726484	MALLINCKRODT CHEMICAL INC	ST LOUIS	5,455
7	MOD043937895	3M CO.	SPRINGFIELD	4,926
8	MOD056389828	BAYER CORP	KANSAS CITY	4,586
9	MOD093750966	NORANDA ALUMINUM, INC.	NEW MADRID	3,180
10	MOD007140874	TALBOT INDUSTRIES INC	NEOSHO	2,317
11	MOD007118078	FORD MOTOR CO	CLAYCOMO	2,308
12	MOD086787371	COOK COMPOSITES & POLYMERS CO	NORTH KANSAS CITY	1,744
13	MOD980632954	MILLENNIUM ENVIRONMENTAL INC.-MISSOURI	SCOTT CITY	1,469
14	MOD000624452	BFI WASTE SYSTEMS OF NORTH AMERICA INC	MISSOURI CITY	1,194
15	MOD006313993	DECORATIVE SURFACES INTERNATIONAL	ST LOUIS	1,095
16	MOT300010261	GM WENTZVILLE CENTER	WENTZVILLE	936
17	MOD980962773	SIGMA CHEMICAL CO	ST LOUIS	905
18	MOD046737524	NORTH AMERICAN GALV. CO. - KANSAS CITY	KANSAS CITY	869
19	MOD085002319	DAIMLERCHRYSLER ST. LOUIS COMPLEX	FENTON	829
20	MOD006274732	THE PD GEORGE COMPANY	ST. LOUIS	785
21	MOD054950670	3M COMPANY	COLUMBIA	734
22	MOD006272876	FORD MOTOR COMPANY - ST. LOUIS ASSEMBLY	HAZELWOOD	733
23	MOD006308407	A B CHANCE CO	CENTRALIA	682
24	MOD068527704	CHEMSICO	ST LOUIS	666
25	MOD000818963	MCDONNELL DOUGLAS CORP TRACT I	HAZELWOOD	652
26	MOD006287619	PRINTPACK, INC.	HAZELWOOD	648
27	MOR000004010	SINCLAIR & RUSH INC	ARNOLD	648
28	MOD052612850	PLASTENE SUPPLY CO	PORTAGEVILLE	641
29	MOD095038329	ARCHIMICA (MISSOURI) INC.	SPRINGFIELD	581
30	MOD054018288	CONTINENTAL CEMENT COMPANY	HANNIBAL	541
31	MOD006273726	SIGMA CHEMICAL CO	ST LOUIS	530
32	MOD981715824	EFCO CORPORATION - HEADQUARTERS	MONETT	493
33	MOD095479978	U S PAINT CORP	ST LOUIS	492
34	MOD007152903	LITTON INTERCONNECT TECHNOLOGY	SPRINGFIELD	478
35	MOD981505555	HERITAGE ENVIRONMENTAL SERVICES, LLC	KANSAS CITY	448
36	MOD000610766	SOLVENT RECOVERY CORPORATION	KANSAS CITY	414
37	MO4213820489	DEPT OF THE ARMY (LCAAP)	INDEPENDENCE	391
38	MOD006311146	DIVERSIFIED DIEMAKERS INC	MONROE CITY	345
39	MOD000690198	REICHHOLD INC	VALLEY PARK	339
40	MOD050226075	AMERICAN CYANAMID CO	PALMYRA	336
41	MOD000829705	FRONT STREET REMEDIAL ACTION CORPORATION	KANSAS CITY	316
42	MOD069277549	SAFETY KLEEN (PPM) INC	KANSAS CITY	292
43	MOD981722762	AEROFIL TECHNOLOGY INC	SULLIVAN	274
44	MOD000034710	ESP MISSOURI INC	OLIVETTE	270
45	MOD981712425	LHB INDUSTRIES	BERKELEY	234
46	MOD068527357	TRANS CHEMICAL	ST LOUIS	227
47	MOD985771195	AVENTIS CROPSCIENCE	SAINT LOUIS	217
48	MOD048833875	DOE RUN CO - GLOVER	ANNAPOLIS	211
49	MOD007121841	TNEMEC COMPANY, INC.	NORTH KANSAS CITY	209
50	MOD007129935	INTERNATIONAL PAPER CO	JOPLIN	206
Total				150,041

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MISSOURI

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	2,744	ONLY AN F CODE	6,092		
ONLY CORROSIVE	27,730	ONLY A K CODE	5,690		
ONLY REACTIVE	71	ONLY A P CODE	16		
ONLY D004-17	34,337	ONLY A U CODE	314		
ONLY D018-43	898				
HAS MORE THAN ONE CHARACTERISTIC CODE	6,515	HAS MORE THAN ONE LISTED CODE	201		
TOTAL	72,294	TOTAL	12,313	Both Characteristic and Listed	73,923

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	3,525			IGN. W/ AT LEAST 1 LSTD	57,336
HAS CORROSIVE CODE	4,373			CORR. W/ AT LEAST 1 LSTD	6,153
HAS REACTIVE CODE	226			REACT. W/ AT LEAST 1 LSTD	5,445
HAS D004-D017 CODE	3,359			D004-17 W/ AT LEAST 1 LSTD	21,916
HAS D018-D043 CODE	1,845			D018-43 W/ AT LEAST 1 LSTD	29,191
		HAS AN F CODE	200	F WASTE W/ AT LEAST 1 CHAR	57,509
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	17,433
		HAS A P CODE	198	P WASTE W/ AT LEAST 1 CHAR	1,019
		HAS A U CODE	4	U WASTE W/ AT LEAST 1 CHAR	6,888
TOTAL	6,515	TOTAL	201	TOTAL	73,923

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

MISSOURI

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 51

7 Quantity of RCRA Hazardous Waste Managed: 270,066 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	MOD029729688	HOLNAM INC./SAFETY-KLEEN SYSTEMS, INC.	CLARKSVILLE	100,443
2	MOD054018288	CONTINENTAL CEMENT COMPANY	HANNIBAL	81,306
3	MOD981127319	LONE STAR INDUSTRIES, INC.	CAPE GIRARDEAU	42,558
4	MOD030712822	EXIDE CORP-CANON HOLLOW PLT	FOREST CITY	29,975
5	MOD057894321	3M COMPANY	NEVADA,	4,610
6	MOD056389828	BAYER CORP	KANSAS CITY	3,556
7	MOD981505555	HERITAGE ENVIRONMENTAL SERVICES, LLC	KANSAS CITY	2,054
8	MOD000610766	SOLVENT RECOVERY CORPORATION	KANSAS CITY	1,835
9	MOD980632954	MILLENNIUM ENVIRONMENTAL INC.,-MISSOURI	SCOTT CITY	1,238
10	MOD059200089	DOE RUN RESOURCE RECYCLING DIV	BOSS	1,192
11	MOD985798164	ICI EXPLOSIVES ENVIRONMENTAL	JOPLIN	677
12	MOD006287619	PRINTPACK, INC.	HAZELWOOD	460
13	MOD981715824	EFCO CORPORATION - HEADQUARTERS	MONETT	104
14	MOD981117377	SERICOL, INC.	NORTH KANSAS CITY	35
15	MOD000818963	MCDONNELL DOUGLAS CORP TRACT I	HAZELWOOD	17
16	MOD981123391	HAZ-MAT RESPONSE DISPOSAL, INC.	KANSAS CITY	7
Total				270,066

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

MISSOURI

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	28,039	10.4	4	25.0
SOLVENTS RECOVERY	M021-M029	5,225	1.9	5	31.3
INCINERATION	M041-M049	4,234	1.6	4	25.0
ENERGY RECOVERY	M051-M059	223,496	82.8	4	25.0
FUEL BLENDING	M061	5,747	2.1	5	31.3
STABILIZATION	M111-M119	3,243	1.2	2	12.5
LANDFILL	M132	81	0.0	1	6.3
OTHER DISPOSAL	M137	0	0.0	1	6.3
		270,066	100.0	16	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	223,496	82.8	4	25.0
METALS RECOVERY	M011-M019	28,039	10.4	4	25.0
FUEL BLENDING	M061	5,747	2.1	5	31.3
SOLVENTS RECOVERY	M021-M029	5,225	1.9	5	31.3
INCINERATION	M041-M049	4,234	1.6	4	25.0
STABILIZATION	M111-M119	3,243	1.2	2	12.5
LANDFILL	M132	81	0.0	1	6.3
OTHER DISPOSAL	M137	0	0.0	1	6.3
		270,066	100.0	16	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	5,225	1.9	5	31.3
FUEL BLENDING	M061	5,747	2.1	5	31.3
METALS RECOVERY	M011-M019	28,039	10.4	4	25.0
INCINERATION	M041-M049	4,234	1.6	4	25.0
ENERGY RECOVERY	M051-M059	223,496	82.8	4	25.0
STABILIZATION	M111-M119	3,243	1.2	2	12.5
LANDFILL	M132	81	0.0	1	6.3
OTHER DISPOSAL	M137	0	0.0	1	6.3
		270,066	100.0	16	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MISSOURI

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 301

13 Quantity of RCRA Hazardous Waste Shipped: 101,573 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	MO0000899260	UNIVERSAL GALVANIZING INC	ST PETERS	27,050
2	MO0000031823	GS TECHNOLOGIES OPERATING CO. INC.	KANSAS CITY	14,959
3	MOD096726484	MALLINCKRODT CHEMICAL INC	ST LOUIS	5,462
4	MOD043937895	3M CO.	SPRINGFIELD	5,074
5	MOD981505555	HERITAGE ENVIRONMENTAL SERVICES, LLC	KANSAS CITY	4,134
6	MOD093750966	NORANDA ALUMINUM, INC.	NEW MADRID	3,180
7	MOD007118078	FORD MOTOR CO	CLAYCOMO	2,308
8	MOD057894321	3M COMPANY	NEVADA,	2,245
9	MOD985791995	TEVA PHARMACEUTICALS USA	MEXICO	2,234
10	MOD086787371	COOK COMPOSITES & POLYMERS CO	NORTH KANSAS CITY	1,744
11	MO4213820489	DEPT OF THE ARMY (LCAAP)	INDEPENDENCE	1,637
12	MOD000624452	BFI WASTE SYSTEMS OF NORTH AMERICA INC	MISSOURI CITY	1,194
13	MOD006313993	DECORATIVE SURFACES INTERNATIONAL	ST LOUIS	1,095
14	MOD056389828	BAYER CORP	KANSAS CITY	1,048
15	MOT300010261	GM WENTZVILLE CENTER	WENTZVILLE	936
16	MOD980962849	WEST STAR ENVIRONMENTAL, INC.	KINGSVILLE	925
17	MOD980962773	SIGMA CHEMICAL CO	ST LOUIS	905
18	MOD980973564	SAFETY-KLEEN SYSTEMS, INC - INDEPENDENCE	INDEPENDENCE	899
19	MOD085002319	DAIMLERCHRYSLER ST. LOUIS COMPLEX	FENTON	829
20	MOD000610766	SOLVENT RECOVERY CORPORATION	KANSAS CITY	779
21	MOD054950670	3M COMPANY	COLUMBIA	757
22	MOD030712822	EXIDE CORP-CANON HOLLOW PLT	FOREST CITY	736
23	MOD006272876	FORD MOTOR COMPANY - ST. LOUIS ASSEMBLY	HAZELWOOD	733
24	MOD095486312	SAFETY-KLEEN SYSTEMS, INC - ST. CHARLES	ST. CHARLES	695
25	MOD006274732	THE PD GEORGE COMPANY	ST. LOUIS	690
26	MOD006308407	A B CHANCE CO	CENTRALIA	682
27	MOR000004010	SINCLAIR & RUSH INC	ARNOLD	648
28	MOD000818963	MCDONNELL DOUGLAS CORP TRACT I	HAZELWOOD	635
29	MOD000669051	SAFETY-KLEEN SYSTEMS, INC - CAPE GIRARDE	CAPE GIRARDEAU	631
30	MOD000669069	SAFETY-KLEEN SYSTEMS, INC. - SPRINGFIELD	SPRINGFIELD	593
31	MOD095038329	ARCHIMICA (MISSOURI) INC.	SPRINGFIELD	581
32	MOD980971626	SAFETY-KLEEN SYSTEMS, INC. - COLUMBIA	COLUMBIA	568
33	MOD006273726	SIGMA CHEMICAL CO	ST LOUIS	530
34	MOD007152903	LITTON INTERCONNECT TECHNOLOGY	SPRINGFIELD	478
35	MOD052612850	PLASTENE SUPPLY CO	PORTAGEVILLE	435
36	MOD981715824	EFCO CORPORATION - HEADQUARTERS	MONETT	386
37	MO0001002849	SCHREIBER FOODS PACKAGING CONVERTING	CLINTON	354
38	MOD006311146	DIVERSIFIED DIEMAKERS INC	MONROE CITY	345
39	MOD000690198	REICHHOLD INC	VALLEY PARK	339
40	MOD054018288	CONTINENTAL CEMENT COMPANY	HANNIBAL	330
41	MOD000829705	FRONT STREET REMEDIAL ACTION CORPORATION	KANSAS CITY	316
42	MOD050226075	AMERICAN CYANAMID CO	PALMYRA	308
43	MOD069277549	SAFETY KLEEN (PPM) INC	KANSAS CITY	285
44	MOD000034710	ESP MISSOURI INC	OLIVETTE	270
45	MOD095479978	U S PAINT CORP	ST LOUIS	269
46	MOD981722762	AEROFIL TECHNOLOGY INC	SULLIVAN	264
47	MOD068527357	TRANS CHEMICAL	ST LOUIS	227
48	MOD985771195	AVENTIS CROPS SCIENCE	SAINT LOUIS	217
49	MOD048833875	DOE RUN CO - GLOVER	ANNAPOLIS	211
50	MOD007121841	TNEMEC COMPANY , INC.	NORTH KANSAS CITY	209
Total				92,359

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

MISSOURI

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 19
- 16 Quantity of RCRA Hazardous Waste Received: 236,920 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	MOD029729688	HOLNAM INC./SAFETY-KLEEN SYSTEMS, INC.	CLARKSVILLE	100,443
2	MOD054018288	CONTINENTAL CEMENT COMPANY	HANNIBAL	81,096
3	MOD981127319	LONE STAR INDUSTRIES, INC.	CAPE GIRARDEAU	42,558
4	MOD981505555	HERITAGE ENVIRONMENTAL SERVICES, LLC	KANSAS CITY	3,303
5	MOD000610766	SOLVENT RECOVERY CORPORATION	KANSAS CITY	1,887
6	MOD980632954	MILLENNIUM ENVIRONMENTAL INC.,-MISSOURI	SCOTT CITY	1,289
7	MOD059200089	DOE RUN RESOURCE RECYCLING DIV	BOSS	1,183
8	MOD980962849	WEST STAR ENVIRONMENTAL, INC.	KINGSVILLE	789
9	MOD980973564	SAFETY-KLEEN SYSTEMS, INC - INDEPENDENCE	INDEPENDENCE	691
10	MOD985798164	ICI EXPLOSIVES ENVIRONMENTAL	JOPLIN	677
11	MOD981123391	HAZ-MAT RESPONSE DISPOSAL, INC.	KANSAS CITY	614
12	MOD095486312	SAFETY-KLEEN SYSTEMS, INC - ST. CHARLES	ST. CHARLES	565
13	MOD000669069	SAFETY-KLEEN SYSTEMS, INC. - SPRINGFIELD	SPRINGFIELD	456
14	MOD980971626	SAFETY-KLEEN SYSTEMS, INC. - COLUMBIA	COLUMBIA	444
15	MOD000669051	SAFETY-KLEEN SYSTEMS, INC - CAPE GIRARDEAU	CAPE GIRARDEAU	396
16	MOD030712822	EXIDE CORP-CANON HOLLOW PLT	FOREST CITY	386
17	MOD000818963	MCDONNELL DOUGLAS CORP TRACT I	HAZELWOOD	120
18	MOD056389828	BAYER CORP	KANSAS CITY	18
19	MOD006326904	RESOURCE RECOVERY CENTER - UMC	COLUMBIA	6
Total				236,920

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

MISSOURI

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	1,684	0.7	4	36.4
INCINERATION	M041-M049	697	0.3	4	36.4
ENERGY RECOVERY	M051-M059	223,286	96.5	4	36.4
FUEL BLENDING	M061	5,552	2.4	5	45.5
STABILIZATION	M111-M119	0	0.0	1	9.1
LANDFILL	M132	81	0.0	1	9.1
OTHER DISPOSAL	M137	0	0.0	1	9.1
		231,300	100.0	11	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	223,286	96.5	4	36.4
FUEL BLENDING	M061	5,552	2.4	5	45.5
METALS RECOVERY	M011-M019	1,684	0.7	4	36.4
INCINERATION	M041-M049	697	0.3	4	36.4
LANDFILL	M132	81	0.0	1	9.1
STABILIZATION	M111-M119	0	0.0	1	9.1
OTHER DISPOSAL	M137	0	0.0	1	9.1
		231,300	100.0	11	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	5,552	2.4	5	45.5
METALS RECOVERY	M011-M019	1,684	0.7	4	36.4
INCINERATION	M041-M049	697	0.3	4	36.4
ENERGY RECOVERY	M051-M059	223,286	96.5	4	36.4
STABILIZATION	M111-M119	0	0.0	1	9.1
LANDFILL	M132	81	0.0	1	9.1
OTHER DISPOSAL	M137	0	0.0	1	9.1
		231,300	100.0	11	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

MISSOURI

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 219,862 Tons

22 Quantity of RCRA Hazardous Waste Exported: 88,449 Tons

MONTANA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 30
- 2 Quantity of RCRA Hazardous Waste Generated: 23,986 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	MTD006232276	IDAHO POLE CO	BOZEMAN	8,891
2	MTD057561763	COLUMBIA FALLS ALUMINUM COMPANY	COLUMBIA FALLS	4,047
3	MTD006230346	ASARCO INC	EAST HELENA	3,285
4	MTD986073583	MONTANA POLE AND TREATING PLANT	BUTTE	3,260
5	MTR000007112	PACIFIC HIDE & FUR DEPOT HELENA	HELENA	1,423
6	MTD006238083	CENEX HARVEST STATES COOP LAUREL REFINER	LAUREL	722
7	MTD006237234	BN KALISPELL POLE & TIMBER	KALISPELL	657
8	MTD006229405	CONOCO REFINERY BILLINGS	BILLINGS	526
9	MTD079711198	TRANSBAS INC	BILLINGS	483
10	MTD010380574	EXXON BILLINGS REFINERY	BILLINGS	411
11	MTD982648099	SEMITOOL INC RESERVE DR	KALISPELL	53
12	MTD000475194	MONTANA REFINING COMPANY	GREAT FALLS	51
13	MTD053038386	BN SOMERS TIE PLANT	SOMERS	35
14	MTD071401368	A & S TRIBAL INDUSTRIES	POPLAR	34
15	MTD035237940	CORIXA MONTANA	HAMILTON	29
16	MTD065569048	MSU BOZEMAN	BOZEMAN	19
17	MTD982648255	LIVINGSTON REBUILD CENTER INC	LIVINGSTON	18
18	MT8571924556	MALMSTROM AIR FORCE BASE MAFB	MALMSTROM AFB	12
19	MTD981548464	R-D DRY CLEANERS	MISSOULA	10
20	MTR000005587	HELENA CHEMICAL COMPANY	LAUREL	4
21	MTD000710236	PP&L MONTANA LLC COLSTRIP 1 & 2	COLSTRIP	4
22	MTD980667166	TRINITY RAIL SERVICES INC #342	MILES CITY	3
23	MTD980330609	PP&L MONTANA LLC COLSTRIP 3 & 4	COLSTRIP	3
24	MTD986072429	BN GREAT FALLS	GREAT FALLS	2
25	MTD063728984	BIG SKY COAL CO	COLSTRIP	1
26	MT2890090036	MSE TECHNOLOGY APPLICATION INC	BUTTE	1
27	MTD119730208	MONTANA TECH	BUTTE	1
28	MTR000007039	FOUNDATION & MATERIALS CONSULTANTS	HELENA	1
29	MT0000058297	SENIOR HIGH SCHOOL BILLINGS	BILLINGS	0
30	MTD000716787	BN PARADISE TIE PLANT	PARADISE	0
Total				23,986

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

MONTANA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	19	ONLY AN F CODE	13,251		
ONLY CORROSIVE	1	ONLY A K CODE	4,468		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	4,812	ONLY A U CODE	2		
ONLY D018-43	55				
HAS MORE THAN ONE CHARACTERISTIC CODE	29	HAS MORE THAN ONE LISTED CODE	470		
TOTAL	4,916	TOTAL	18,191	Both Characteristic and Listed	879

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	7			IGN. W/ AT LEAST 1 LSTD	86
HAS CORROSIVE CODE	15			CORR. W/ AT LEAST 1 LSTD	2
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	24			D004-17 W/ AT LEAST 1 LSTD	743
HAS D018-D043 CODE	16			D018-43 W/ AT LEAST 1 LSTD	109
		HAS AN F CODE	470	F WASTE W/ AT LEAST 1 CHAR	137
		HAS A K CODE	470	K WASTE W/ AT LEAST 1 CHAR	333
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	463
TOTAL	29	TOTAL	470	TOTAL	879

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

MONTANA

1999 WASTE MANAGEMENT

Tables 6, 7, and 8 have been omitted from this report because there were no facilities in the State of Montana that reported managing RCRA hazardous waste in 1999.

MONTANA

1999 WASTE MANAGEMENT, CONTINUED

Tables 9, 10, and 11 have been omitted from this report because there were no facilities in the State of Montana that reported managing RCRA hazardous waste in 1999.

MONTANA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 29

13 Quantity of RCRA Hazardous Waste Shipped: 13,276 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	MTD057561763	COLUMBIA FALLS ALUMINUM COMPANY	COLUMBIA FALLS	3,739
2	MTD006230346	ASARCO INC	EAST HELENA	3,285
3	MTD986073583	MONTANA POLE AND TREATING PLANT	BUTTE	3,260
4	MTD006238083	CENEX HARVEST STATES COOP LAUREL REFINER	LAUREL	722
5	MTD006237234	BN KALISPELL POLE & TIMBER	KALISPELL	657
6	MTD006229405	CONOCO REFINERY BILLINGS	BILLINGS	526
7	MTD079711198	TRANSBAS INC	BILLINGS	483
8	MTD010380574	EXXON BILLINGS REFINERY	BILLINGS	321
9	MTD982648099	SEMITOOL INC RESERVE DR	KALISPELL	54
10	MTD006232276	IDAHO POLE CO	BOZEMAN	36
11	MTD053038386	BN SOMERS TIE PLANT	SOMERS	36
12	MTD071401368	A & S TRIBAL INDUSTRIES	POPLAR	34
13	MTD035237940	CORIXA MONTANA	HAMILTON	30
14	MTD065569048	MSU BOZEMAN	BOZEMAN	18
15	MTD982648255	LIVINGSTON REBUILD CENTER INC	LIVINGSTON	18
16	MTD000475194	MONTANA REFINING COMPANY	GREAT FALLS	16
17	MT8571924556	MALMSTROM AIR FORCE BASE MAFB	MALMSTROM AFB	11
18	MTD981548464	R-D DRY CLEANERS	MISSOULA	10
19	MTR000005587	HELENA CHEMICAL COMPANY	LAUREL	4
20	MTD000710236	PP&L MONTANA LLC COLSTRIP 1 & 2	COLSTRIP	4
21	MTD980667166	TRINITY RAIL SERVICES INC #342	MILES CITY	3
22	MTD980330609	PP&L MONTANA LLC COLSTRIP 3 & 4	COLSTRIP	3
23	MTD986072429	BN GREAT FALLS	GREAT FALLS	2
24	MTD063728984	BIG SKY COAL CO	COLSTRIP	1
25	MTD119730208	MONTANA TECH	BUTTE	1
26	MTR000007039	FOUNDATION & MATERIALS CONSULTANTS	HELENA	1
27	MT2890090036	MSE TECHNOLOGY APPLICATION INC	BUTTE	1
28	MT0000058297	SENIOR HIGH SCHOOL BILLINGS	BILLINGS	0
29	MTD000716787	BN PARADISE TIE PLANT	PARADISE	0
Total				13,276

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

MONTANA

1999 WASTE RECEIPTS

Tables 15, 16, and 17 have been omitted from this report because there were no facilities in the State of Montana that reported receiving RCRA hazardous waste in 1999.

MONTANA

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the State of Montana that reported receiving RCRA hazardous waste in 1999.

MONTANA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 0 Tons

22 Quantity of RCRA Hazardous Waste Exported: 13,276 Tons

NAVAJO NATION

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 6
- 2 Quantity of RCRA Hazardous Waste Generated: 89 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	NND104150024	PEABODY WESTERN COAL CO, BLACK MESA MINE	KAYENTA	79
2	NN2140909100	USBIA BRANCH OF ROADS - CHEU	FARMINGTON	3
3	NNR000000539	CROWNPOINT HEADQUARTERS	CROWNPOINT	3
4	NND042993725	BHP MINERALS, NAVAJO COAL CO NAVAJO MINE	FRUITLAND	3
5	NNR000034710	SAGE MEMORIAL HOSPITAL	GANADO	2
6	NNR000473454	WINGATE HIGH SCHOOL	FT WINGATE	0
Total				89

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

NAVAJO NATION

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	0	ONLY AN F CODE	1		
ONLY CORROSIVE	0	ONLY A K CODE	0		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	1	ONLY A U CODE	0		
ONLY D018-43	1				
HAS MORE THAN ONE CHARACTERISTIC CODE	55	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	58	TOTAL	1	Both Characteristic and Listed	30

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	4			IGN. W/ AT LEAST 1 LSTD	1
HAS CORROSIVE CODE	3			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	2			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	52			D004-17 W/ AT LEAST 1 LSTD	0
HAS D018-D043 CODE	55			D018-43 W/ AT LEAST 1 LSTD	30
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	30
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	0
TOTAL	55	TOTAL	0	TOTAL	30

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

NAVAJO NATION

1999 WASTE MANAGEMENT

Tables 6, 7, and 8 have been omitted from this report because there were no facilities in the Navajo Nation that reported managing RCRA hazardous waste in 1999.

NAVAJO NATION

1999 WASTE MANAGEMENT, CONTINUED

Tables 9, 10, and 11 have been omitted from this report because there were no facilities in the Navajo Nation that reported managing RCRA hazardous waste in 1999.

NAVAJO NATION

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 6

13 Quantity of RCRA Hazardous Waste Shipped: 84 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	NND104150024	PEABODY WESTERN COAL CO, BLACK MESA MINE	KAYENTA	73
2	NN2140909100	USBIA BRANCH OF ROADS - CHEU	FARMINGTON	3
3	NNR000000539	CROWNPOINT HEADQUARTERS	CROWNPOINT	3
4	NND042993725	BHP MINERALS, NAVAJO COAL CO NAVAJO MINE	FRUITLAND	3
5	NNR000034710	SAGE MEMORIAL HOSPITAL	GANADO	2
6	NNR000473454	WINGATE HIGH SCHOOL	FT WINGATE	0
Total				84

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

NAVAJO NATION

1999 WASTE RECEIPTS

Tables 15, 16, and 17 have been omitted from this report because there were no facilities in the Navajo Nation that reported receiving RCRA hazardous waste in 1999.

NAVAJO NATION

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the Navajo Nation that reported receiving RCRA hazardous waste in 1999.

NAVAJO NATION

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 0 Tons

22 Quantity of RCRA Hazardous Waste Exported: 84 Tons

NEBRASKA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 85
- 2 Quantity of RCRA Hazardous Waste Generated: 43,224 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	NED087069050	NUCOR STEEL NEBRASKA	NORFOLK	22,372
2	NED007257413	ASARCO, INC.	OMAHA	7,558
3	NED000610550	TETRA MICRONUTRIENTS	FAIRBURY	4,235
4	NED981723513	CLEAN HARBORS ENV SVC INC	KIMBALL	4,092
5	NED986368728	3-D INVESTMENT INC	ALDA	945
6	NED091998567	DANA CORP PERFECT CRL DIV	HASTINGS	382
7	NED000610691	LOZIER CORPORATION	OMAHA	339
8	NED099564684	APPLETON ELECTRIC LLC	COLUMBUS	308
9	NED000610709	LOZIER CORPORATION	OMAHA	257
10	NED068652981	KAWASAKI MOTORS MFG CORP USA	LINCOLN	231
11	NED007263619	TENNECO AUTOMOTIVE	COZAD	205
12	NED986387850	FLEXCON COLUMBUS	COLUMBUS	205
13	NED007281728	LINCOLN PLATING COMPANY	LINCOLN	167
14	NED980971733	DUNCAN AVIATION	LINCOLN	108
15	NED007266331	GOODYEAR TIRE & RUBBER COMPANY	LINCOLN	95
16	NED007285257	MAGNUS/FARLEY INC	FREMONT	83
17	NED986384725	KURT MFG CO LYMAN	LYMAN	82
18	NED000822817	VISHAY DALE ELECTRONICS	COLUMBUS	77
19	NED986387520	HUNT CLEANERS INC	COZAD	74
20	NED007263353	CROWN CORK & SEAL CO INC	OMAHA	73
21	NED080219868	HYDRAULIC COMPONENTS IND	HARTINGTON	72
22	NED007259054	LUCENT TECHNOLOGIES	OMAHA	68
23	NED007263197	BECTON DICKINSON	COLUMBUS	67
24	NED065133167	EATON CORP	KEARNEY	66
25	NED007274699	PFIZER ANIMAL HEALTH	LINCOLN	55
26	NED007265077	AMERICAN METER CO	NEBRASKA CITY	49
27	NED007262579	AMERICAN TOOL COMPANIES., INC.	DEWITT	49
28	NED091995159	FOUR SEASONS PAINT MFG CO	LINCOLN	47
29	NED000819060	PLATTE CHEMICAL COMPANY	FREMONT	46
30	NED007267214	VALMONT INDUSTRIES INC	VALLEY	44
31	NED000819078	PLATTE CHEMICAL	FREMONT	39
32	NED035093053	DALE ELECTRONICS	NORFOLK	39
33	NED007268790	BEHLEN MFG. CO.	COLUMBUS	37
34	NED986375061	UNIVERSITY OF NEBRASKA "ARDC"	ITHACA	34
35	NED007258213	MALNOVE INC	OMAHA	33
36	NE8571924648	OFFUTT AFB	OFFUTT AFB	31
37	NED020184412	ARNOLD ENGINEERING CO	NORFOLK	30
38	NED981117153	INTEGRATED RAILWAY PRODUCTS	OMAHA	30
39	NED007267388	CHIEF INDUSTRIES INC FABRICATION DIV	GRAND ISLAND	26
40	NED065106270	NATIONAL CRANE CORPORATION	WAVERLY	25
41	NE0000362525	PFIZER CUSTOMER RETURN CENTER	LINCOLN	25
42	NED047047543	BECTON DICKINSON COMPANY	HOLDREGE	25
43	NED980973580	HAMILTON SUNDSTRAND AEROSPACE	YORK	23
44	NED072904543	OILGEAR FREMONT DIV	FREMONT	23
45	NED068655968	PRESTOLITE WIRE CORP	SIDNEY	20
46	NED986369338	PROGRESS VANGUARD CORP	LINCOLN	20
47	NED000766808	UNIVERSITY OF NEBRASKA CITY CAMPUS	LINCOLN	19
48	NED005070065	NOVARTIS CONSUMER HEALTH INC	LINCOLN	19
49	NER000001453	PROGRESS RAIL SERVICES CORP	SIDNEY	18
50	NED091992628	TRIANGLE PACIFIC CORP	AUBURN	18
Total				42,988

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NEBRASKA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	64	ONLY AN F CODE	713		
ONLY CORROSIVE	27	ONLY A K CODE	22,369		
ONLY REACTIVE	1	ONLY A P CODE	56		
ONLY D004-17	13,625	ONLY A U CODE	24		
ONLY D018-43	50				
HAS MORE THAN ONE CHARACTERISTIC CODE	215	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	13,982	TOTAL	23,162	Both Characteristic and Listed	6,078

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	100			IGN. W/ AT LEAST 1 LSTD	1,642
HAS CORROSIVE CODE	117			CORR. W/ AT LEAST 1 LSTD	32
HAS REACTIVE CODE	1			REACT. W/ AT LEAST 1 LSTD	7
HAS D004-D017 CODE	153			D004-17 W/ AT LEAST 1 LSTD	4,510
HAS D018-D043 CODE	61			D018-43 W/ AT LEAST 1 LSTD	5,368
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	5,952
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	4,092
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	4,133
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	4,242
TOTAL	215	TOTAL	0	TOTAL	6,078

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

NEBRASKA**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 6

7 Quantity of RCRA Hazardous Waste Managed: 27,991 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	NED981723513	CLEAN HARBORS ENV SVC INC	KIMBALL	27,988
2	NED000610550	TETRA MICRONUTRIENTS	FAIRBURY	3
Total				27,991

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

NEBRASKA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	3	0.0	1	50.0
INCINERATION	M041-M049	27,988	100.0	1	50.0
		27,991	100.0	2	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	27,988	100.0	1	50.0
METALS RECOVERY	M011-M019	3	0.0	1	50.0
		27,991	100.0	2	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	3	0.0	1	50.0
INCINERATION	M041-M049	27,988	100.0	1	50.0
		27,991	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NEBRASKA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 84

13 Quantity of RCRA Hazardous Waste Shipped: 30,273 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	NED087069050	NUCOR STEEL NEBRASKA	NORFOLK	16,589
2	NED000610550	TETRA MICRONUTRIENTS	FAIRBURY	4,235
3	NED007257413	ASARCO, INC.	OMAHA	2,406
4	NED981723513	CLEAN HARBORS ENV SVC INC	KIMBALL	1,066
5	NED981495724	SAFETY KLEEN SYSTEMS INC 751	OMAHA	884
6	NED053316535	SAFETY KLEEN SYSTEMS 506501	GRAND ISLAND	822
7	NED091998567	DANA CORP PERFECT CRL DIV	HASTINGS	382
8	NED000610691	LOZIER CORPORATION	OMAHA	339
9	NED000687178	SAFETY KLEEN SYSTEMS 605203	GERING	330
10	NED099564684	APPLETON ELECTRIC LLC	COLUMBUS	308
11	NED000610709	LOZIER CORPORATION	OMAHA	257
12	NED007263619	TENNECO AUTOMOTIVE	COZAD	205
13	NED986387850	FLEXCON COLUMBUS	COLUMBUS	184
14	NED007281728	LINCOLN PLATING COMPANY	LINCOLN	167
15	NED068652981	KAWASAKI MOTORS MFG CORP USA	LINCOLN	160
16	NED007259054	LUCENT TECHNOLOGIES	OMAHA	145
17	NED980971733	DUNCAN AVIATION	LINCOLN	108
18	NED007266331	GOODYEAR TIRE & RUBBER COMPANY	LINCOLN	95
19	NED007285257	MAGNUS/FARLEY INC	FREMONT	83
20	NED986384725	KURT MFG CO LYMAN	LYMAN	82
21	NED000822817	VISHAY DALE ELECTRONICS	COLUMBUS	77
22	NED986387520	HUNT CLEANERS INC	COZAD	74
23	NED007263353	CROWN CORK & SEAL CO INC	OMAHA	73
24	NED080219868	HYDRAULIC COMPONENTS IND	HARTINGTON	73
25	NED065133167	EATON CORP	KEARNEY	66
26	NED007274699	PFIZER ANIMAL HEALTH	LINCOLN	55
27	NED007265077	AMERICAN METER CO	NEBRASKA CITY	49
28	NED007262579	AMERICAN TOOL COMPANIES., INC.	DEWITT	48
29	NED091995159	FOUR SEASONS PAINT MFG CO	LINCOLN	47
30	NED000819060	PLATTE CHEMICAL COMPANY	FREMONT	46
31	NED007267214	VALMONT INDUSTIRIES INC	VALLEY	44
32	NED000819078	PLATTE CHEMICAL	FREMONT	39
33	NED035093053	DALE ELECTRONICS	NORFOLK	39
34	NED007268790	BEHLEN MFG. CO.	COLUMBUS	37
35	NED986375061	UNIVERSITY OF NEBRASKA "ARDC"	ITHACA	34
36	NED007258213	MALNOVE INC	OMAHA	33
37	NED020184412	ARNOLD ENGINEERING CO	NORFOLK	30
38	NED981117153	INTEGRATED RAILWAY PRODUCTS	OMAHA	30
39	NED065106270	NATIONAL CRANE CORPORATION	WAVERLY	29
40	NE0000362525	PFIZER CUSTOMER RETURN CENTER	LINCOLN	25
41	NED047047543	BECTON DICKINSON COMPANY	HOLDREGE	25
42	NE8571924648	OFFUTT AFB	OFFUTT AFB	25
43	NET320010259	NEBRASKA DEPT OF ROADS	LINCOLN	24
44	NED980973580	HAMILTON SUNDSTRAND AEROSPACE	YORK	23
45	NED072904543	OILGEAR FREMONT DIV	FREMONT	23
46	NED068655968	PRESTOLITE WIRE CORP	SIDNEY	20
47	NED000766808	UNIVERSITY OF NEBRASKA CITY CAMPUS	LINCOLN	19
48	NED005070065	NOVARTIS CONSUMER HEALTH INC	LINCOLN	19
49	NER000001453	PROGRESS RAIL SERVICES CORP	SIDNEY	18
50	NED986369338	PROGRESS VANGUARD CORP	LINCOLN	17
Total				30,011

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

NEBRASKA

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 5
- 16 Quantity of RCRA Hazardous Waste Received: 26,648 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	NED981723513	CLEAN HARBORS ENV SVC INC	KIMBALL	25,001
2	NED981495724	SAFETY KLEEN SYSTEMS INC 751	OMAHA	689
3	NED053316535	SAFETY KLEEN SYSTEMS 506501	GRAND ISLAND	668
4	NED000687178	SAFETY KLEEN SYSTEMS 605203	GERING	287
5	NED000610550	TETRA MICRONUTRIENTS	FAIRBURY	3
Total				26,648

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

NEBRASKA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	3	0.0	1	50.0
INCINERATION	M041-M049	24,951	100.0	1	50.0
		24,953	100.0	2	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	24,951	100.0	1	50.0
METALS RECOVERY	M011-M019	3	0.0	1	50.0
		24,953	100.0	2	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	3	0.0	1	50.0
INCINERATION	M041-M049	24,951	100.0	1	50.0
		24,953	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NEBRASKA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 25,438 Tons

22 Quantity of RCRA Hazardous Waste Exported: 29,719 Tons

NEVADA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 102
- 2 Quantity of RCRA Hazardous Waste Generated: 11,473 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	NVD980895338	21ST CENTURY EMI	FERNLEY	3,592
2	NVD981641434	RR DONNELLEY & SONS CO.	RENO	2,167
3	NVD986774651	CHROMALLY NEVADA ARROWHEAD	CARSON CITY	1,495
4	NVD982443947	CHROMALLOY NEVADA INDUSTRIAL PARK	CARSON CITY	653
5	NVD986769560	BARRINGER LABORATORIES, INC.	RENO	456
6	NV1210090006	HAWTHORNE ARMY DEPOT	HAWTHORNE	413
7	NVR000038737	SHERWIN WILLIAMS CO	RENO	371
8	NVD000626531	BARRICK GOLDSTRIKE MINES INC.	ELKO	175
9	NV7570024110	NELLIS AFB	NELLIS AFB	112
10	NVD000627034	NEWMONT GOLD QUARRY MINE	CARLIN	106
11	NVD986774735	GETCHELL GOLD CORP., GETCHELL MINE	GOLCONDA	104
12	NVD096905724	SHERWIN WILLIAMS CO.	RENO	100
13	NVD990764961	CAL PIPE LINE - LV TERMINAL	LAS VEGAS	100
14	NVD982499329	AMERICAN ASSAY LABORATORIES, INC.	SPARKS	97
15	NVD982041345	LIFETOUCH PORTRAIT STUDIOS, INC.	RENO	90
16	NV3890090001	BECHTEL NV FOR USDOE NTS	MERCURY	72
17	NVD986772671	COURTESY OLDSMOBILE	LAS VEGAS	71
18	NVR000001495	DUPONT WESTERN DISTRIBUTION CENTER	RENO	69
19	NVD067817882	INSPECTORATE ROCKY MOUNTAIN GEOCHEMICAL	SPARKS	65
20	NVD982498289	GREG STREET PLATING	SPARKS	64
21	NVR000000380	UNIVERSAL SOLUTIONS, CHOICE RENO	SPARKS	62
22	NVD092497999	PRECISION ROLLED PRODUCTS INC.	RENO	52
23	NVD981967375	CHEMEX LABS INC.	SPARKS	52
24	NVR0000031302	SMI JOIST-NEVADA	FALLON	52
25	NVD982030520	NEVADA WOOD PRESERVING	SILVER SPRONGS	51
26	NVD986771392	MASTER HALCO	RENO	49
27	NVD982467250	DURA-BOND BEARING CO.	CARSON CITY	44
28	NVD981440209	JONES WEST FORD	RENO	43
29	NVD096691886	ANGLOGOLD-MERIDIAN JERRITT CANYON JOINT	ELKO	35
30	NVT000604025	CORTEZ GOLD MINES	BEOVAWE	33
31	NVR000055418	LOAD TECHNOLOGY INC.	LAS VEGAS	30
32	NVD009155631	AMERICAN WATER HEATER COMPANY	RENO	30
33	NVD982434961	CLARK CO SCL DIST/KOEPSSELL TRANS SAT	HENDERSON	29
34	NVD982445991	YOUNG ELECTRIC SIGN CO.	LAS VEGAS	29
35	NVT000612176	VALENCE TECHNOLOGY INC	HENDERSON	28
36	NVD982504664	SMOKY VALLEY COMMON OPERATION	ROUND MOUNTAIN	26
37	NVD982408668	NEWMONT MINING CORP., TWIN CREEKS MINE	GOLCONDA	25
38	NVD986767572	COEUR ROCHESTER	LOVELOCK	25
39	NVR000041855	QUEBECOR PRINTING NEVADA INC.	FERNLY	24
40	NVD981675580	LAS VEGAS CHRYSLER PLYMOUTH	LAS VEGAS	22
41	NVD982029233	CASHMAN EQUIPMENT, CO.	SPARKS	20
42	NVD986766046	THE BOEING COMPANY FORMER NEVADA LAB	RENO	19
43	NVD986773190	CLARK CO. TRAFFIC OPERATIONS	LAS VEGAS	18
44	NVD008477820	HAMILTON COMPANY	RENO	16
45	NVR000000885	J&W INDUSTRIES	CARSON CITY	16
46	NV0000991364	AL PHILLIPS THE CLEANER	LAS VEGAS	15
47	NVD982516049	AUTOMOTIVE PLATING SERVICES	LAS VEGAS	15
48	NVD986775369	LONE TREE MINE	VALMY	15
49	NVO000593491	WAL MART NO 2106	RENO	14
50	NVD981428923	FAIRWAY CHEVROLET COMPANY	LAS VEGAS	13
Total				11,277

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NEVADA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	445	ONLY AN F CODE	828		
ONLY CORROSIVE	18	ONLY A K CODE	45		
ONLY REACTIVE	15	ONLY A P CODE	0		
ONLY D004-17	2,218	ONLY A U CODE	14		
ONLY D018-43	121				
HAS MORE THAN ONE CHARACTERISTIC CODE	5,005	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	7,821	TOTAL	887	Both Characteristic and Listed	2,760

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	671			IGN. W/ AT LEAST 1 LSTD	230
HAS CORROSIVE CODE	4,333			CORR. W/ AT LEAST 1 LSTD	29
HAS REACTIVE CODE	2			REACT. W/ AT LEAST 1 LSTD	4
HAS D004-D017 CODE	4,914			D004-17 W/ AT LEAST 1 LSTD	2,545
HAS D018-D043 CODE	664			D018-43 W/ AT LEAST 1 LSTD	143
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	2,750
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	6
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	4
TOTAL	5,005	TOTAL	0	TOTAL	2,760

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

NEVADA**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 6

7 Quantity of RCRA Hazardous Waste Managed: 48,283 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	NVT330010000	US ECOLOGY INC. BEATTY, NV	BEATTY	31,772
2	NVD980895338	21ST CENTURY EMI	FERNLEY	16,445
3	NV3890090001	BECHTEL NV FOR USDOE NTS	MERCURY	66
Total				48,283

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

NEVADA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	12,886	26.7	2	66.7
SOLVENTS RECOVERY	M021-M029	7	0.0	1	33.3
INCINERATION	M041-M049	75	0.2	1	33.3
STABILIZATION	M111-M119	25,358	52.5	3	100.0
LANDFILL	M132	9,956	20.6	3	100.0
		48,283	100.0	3	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	25,358	52.5	3	100.0
METALS RECOVERY	M011-M019	12,886	26.7	2	66.7
LANDFILL	M132	9,956	20.6	3	100.0
INCINERATION	M041-M049	75	0.2	1	33.3
SOLVENTS RECOVERY	M021-M029	7	0.0	1	33.3
		48,283	100.0	3	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	25,358	52.5	3	100.0
LANDFILL	M132	9,956	20.6	3	100.0
METALS RECOVERY	M011-M019	12,886	26.7	2	66.7
SOLVENTS RECOVERY	M021-M029	7	0.0	1	33.3
INCINERATION	M041-M049	75	0.2	1	33.3
		48,283	100.0	3	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NEVADA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 91

13 Quantity of RCRA Hazardous Waste Shipped: 7,919 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	NVD980895338	21ST CENTURY EMI	FERNLEY	3,592
2	NVT330010208	SAFETY-KLEEN SYSTEMS, INC. N LAS VEGAS	N LAS VEGAS	561
3	NVD986769560	BARRINGER LABORATORIES, INC.	RENO	456
4	NV1210090006	HAWTHORNE ARMY DEPOT	HAWTHORNE	438
5	NVR000038737	SHERWIN WILLIAMS CO	RENO	371
6	NVR000000018	POWER LOGISTICS	NORTH LAS VEGAS	187
7	NVD000626531	BARRICK GOLDSTRIKE MINES INC.	ELKO	174
8	NVD981641434	RR DONNELLEY & SONS CO.	RENO	108
9	NV7570024110	NELLIS AFB	NELLIS AFB	105
10	NVD986774735	GETCHELL GOLD CORP., GETCHELL MINE	GOLCONDA	104
11	NVD000627034	NEWMONT GOLD QUARRY MINE	CARLIN	101
12	NVD096905724	SHERWIN WILLIAMS CO.	RENO	100
13	NVD990764961	CAL PIPE LINE - LV TERMINAL	LAS VEGAS	100
14	NVD982499329	AMERICAN ASSAY LABORATORIES, INC.	SPARKS	98
15	NVD982041345	LIFETOUGH PORTRAIT STUDIOS, INC.	RENO	90
16	NVD986772671	COURTESY OLDSMOBILE	LAS VEGAS	71
17	NVR000001495	DUPONT WESTERN DISTRIBUTION CENTER	RENO	69
18	NVD982498289	GREG STREET PLATING	SPARKS	64
19	NVR000000380	UNIVERSAL SOLUTIONS, CHOICE RENO	SPARKS	62
20	NVD092497999	PRECISION ROLLED PRODUCTS INC.	RENO	52
21	NVD981967375	CHEMEX LABS INC.	SPARKS	52
22	NVR000031302	SMI JOIST-NEVADA	FALLON	52
23	NVD982030520	NEVADA WOOD PRESERVING	SILVER SPRONGS	51
24	NVD986771392	MASTER HALCO	RENO	49
25	NVD982467250	DURA-BOND BEARING CO.	CARSON CITY	44
26	NVD981440209	JONES WEST FORD	RENO	43
27	NVD009155631	AMERICAN WATER HEATER COMPANY	RENO	41
28	NVT000604025	CORTEZ GOLD MINES	BEOWAWE	34
29	NV3890090001	BECHTEL NV FOR USDOE NTS	MERCURY	31
30	NVR000055418	LOAD TECHNOLOGY INC.	LAS VEGAS	30
31	NVD982434961	CLARK CO SCL DIST/KOEPSSELL TRANS SAT	HENDERSON	29
32	NVD067817882	INSPECTORATE ROCKY MOUNTAIN GEOCHEMICAL	SPARKS	29
33	NVD982445991	YOUNG ELECTRIC SIGN CO.	LAS VEGAS	29
34	NVT000612176	VALENCE TECHNOLOGY INC	HENDERSON	28
35	NVD096691886	ANGLOGOLD-MERIDIAN JERRITT CANYON JOINT	ELKO	27
36	NVD986767572	COEUR ROCHESTER	LOVELOCK	26
37	NVD982408668	NEWMONT MINING CORP., TWIN CREEKS MINE	GOLCONDA	25
38	NVR000041855	QUEBECOR PRINTING NEVADA INC.	FERNLY	24
39	NVD981675580	LAS VEGAS CHRYSLER PLYMOUTH	LAS VEGAS	22
40	NVD982029233	CASHMAN EQUIPMENT, CO.	SPARKS	20
41	NVD986766046	THE BOEING COMPANY FORMER NEVADA LAB	RENO	19
42	NVD986773190	CLARK CO. TRAFFIC OPERATIONS	LAS VEGAS	18
43	NVD008477820	HAMILTON COMPANY	RENO	16
44	NV0000991364	AL PHILLIPS THE CLEANER	LAS VEGAS	15
45	NVD982516049	AUTOMOTIVE PLATING SERVICES	LAS VEGAS	15
46	NVR000000885	J&W INDUSTRIES	CARSON CITY	15
47	NVD986775369	LONE TREE MINE	VALMY	15
48	NVD981428923	FAIRWAY CHEVROLET COMPANY	LAS VEGAS	13
49	NVD981678477	BALD MOUNTAIN MINE	ELY	12
50	NVD981166887	AL PHILLIPS THE CLEANER	LAS VEGAS	11
Total				7,737

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NEVADA

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 5
- 16 Quantity of RCRA Hazardous Waste Received: 48,682 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	NVT330010000	US ECOLOGY INC. BEATTY, NV	BEATTY	31,775
2	NVD980895338	21ST CENTURY EMI	FERNLEY	16,470
3	NVT330010208	SAFETY-KLEEN SYSTEMS, INC. N LAS VEGAS	N LAS VEGAS	420
4	NV3890090001	BECHTEL NV FOR USDOE NTS	MERCURY	12
5	NV7570024110	NELLIS AFB	NELLIS AFB	3
Total				48,682

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

NEVADA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	12,886	26.7	2	66.7
SOLVENTS RECOVERY	M021-M029	7	0.0	1	33.3
INCINERATION	M041-M049	75	0.2	1	33.3
STABILIZATION	M111-M119	25,358	52.6	3	100.0
LANDFILL	M132	9,900	20.5	2	66.7
		48,227	100.0	3	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	25,358	52.6	3	100.0
METALS RECOVERY	M011-M019	12,886	26.7	2	66.7
LANDFILL	M132	9,900	20.5	2	66.7
INCINERATION	M041-M049	75	0.2	1	33.3
SOLVENTS RECOVERY	M021-M029	7	0.0	1	33.3
		48,227	100.0	3	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	25,358	52.6	3	100.0
METALS RECOVERY	M011-M019	12,886	26.7	2	66.7
LANDFILL	M132	9,900	20.5	2	66.7
SOLVENTS RECOVERY	M021-M029	7	0.0	1	33.3
INCINERATION	M041-M049	75	0.2	1	33.3
		48,227	100.0	3	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NEVADA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 44,721 Tons

22 Quantity of RCRA Hazardous Waste Exported: 5,281 Tons

NEW HAMPSHIRE

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 168
- 2 Quantity of RCRA Hazardous Waste Generated: 11,082 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	NHD048724173	HAMPSHIRE CHEMICAL CORPORATION	NASHUA	3,296
2	NHD003941655	OSRAM SYLVANIA INC	EXETER	1,836
3	NHD046312559	HADCO CORPORATION	DERRY	496
4	NHD073974651	TERADYNE CIRCUITS OPERATION	NASHUA	473
5	NHD018953794	STURM RUGER & CO INC	NEWPORT	463
6	NHD040245607	SANMINA CORPORATION	NASHUA	339
7	NHD001038348	UPACO ADHESIVE INC	NASHUA	279
8	NHD058537960	WEBSTER VALVE INC	FRANKLIN	216
9	NHD048722466	PIERCE&STEVENS C&A BUSINESS GR	SEABROOK	181
10	NHD001091073	GENERAL ELECTRIC COMPANY	SOMERSWORTH	157
11	NHD001078682	HITCHINER MFG CO INC	MILFORD	146
12	NHD073990418	FRAMATOME CONNECTORS USA INC	LINCOLN	130
13	NHD041027822	DARTMOUTH COLLEGE	HANOVER	129
14	NHD001427475	GENERAL ELECTRIC CO BLDG 1	HOOKSETT	124
15	NHD500008420	PRIME TANNING CO INC	ROCHESTER	114
16	NHD048729685	BAILEY CORP	SEABROOK	105
17	NHD982716169	PHILLIPS EXETER ACADEMY	EXETER	101
18	NHD986483832	SEAWARD CORPORATION	PORTSMOUTH	99
19	NHD066752734	FREUDENBERG-NOK GENERAL PTNSHP	MANCHESTER	85
20	NHD062002035	MILLIPORE CORP	JAFFREY	84
21	NHD990717092	DEXTER HYSOL	SEABROOK	81
22	NHD001422351	ALLTEX UNIFORM RENTAL SVSC INC	MANCHESTER	80
23	NHD001086321	NH BALL BEARINGS INC	PETERBOROUGH	74
24	NHD045011616	TEXTRON AUTOMOTIVE INTERIORS	FARMINGTON	66
25	NHD500020847	PACKARD L W CO INC (NEW HAMPTON PLANT)	NEW HAMPTON	66
26	NHD045513785	TEXAS INSTRUMENTS INC	MERRIMACK	65
27	NHD081255788	ADVANCED CIRCUIT TECH INC	NASHUA	63
28	NHD073984288	OSRAM SYLVANIA INC	HILLSBORO	61
29	NHD080027048	POLYCLAD LAMINATES INC	FRANKLIN	60
30	NHD980917660	HITCHINER MFG CO INC	LITTLETON	59
31	NHD986470730	MONTGOMERY WIRE CORPORATION	LITTLETON	49
32	NHD510150634	1879 ASSOCIATION	MANCHESTER	48
33	NHD099362048	POLYCLAD LAMINATES INC	FRANKLIN	47
34	NHD040244428	ELECTROPAC CO INC	MANCHESTER	46
35	NHD980668156	HADCO CORP	SALEM	46
36	NHD991302522	HADCO HUDSON	HUDSON	46
37	NHD001078062	TELEDYNE ELECTRONIC TECH	HUDSON	46
38	NHD001083609	LEWIS & SAUNDERS INC	LACONIA	44
39	NHD986486017	ADVANCED RECYCLING	CONCORD	43
40	NHD500004247	SAFETY-KLEEN (NE) INC	NASHUA	38
41	NHD048727994	PARKER HANNIFIN CORP/CHOMERICS TEC DIVIS	HUDSON	36
42	NHD037695236	HEIDELBERG HARRIS INC	DOVER	35
43	NHD986467124	TELEDYNE HALCO	LONDONDERRY	32
44	NHD980914097	LOCKHEED MARTIN CORPORATION	NASHUA	32
45	NHD066755364	BATESVILLE MANUFACTURING CO	NASHUA	30
46	NH7570024847	US PEASE AIR FORCE BASE	PEASE ANGB	30
47	NHD986466118	AMRO ENV LABORATORIES CORP	MERRIMACK	27
48	NHD001078740	BRONZE CRAFT CORP	NASHUA	26
49	NHD001084672	FREUDENBERG-NOK	BRISTOL	26
50	NHD049417207	FERROFLUIDICS CORP	NASHUA	25
Total				10,280

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NEW HAMPSHIRE

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	1,356	ONLY AN F CODE	3,414		
ONLY CORROSIVE	3,946	ONLY A K CODE	0		
ONLY REACTIVE	9	ONLY A P CODE	0		
ONLY D004-17	2,137	ONLY A U CODE	17		
ONLY D018-43	203				
HAS MORE THAN ONE CHARACTERISTIC CODE	0	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	7,651	TOTAL	3,431	Both Characteristic and Listed	0

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	0			IGN. W/ AT LEAST 1 LSTD	0
HAS CORROSIVE CODE	0			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	0			D004-17 W/ AT LEAST 1 LSTD	0
HAS D018-D043 CODE	0			D018-43 W/ AT LEAST 1 LSTD	0
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	0
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	0
TOTAL	0	TOTAL	0	TOTAL	0

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

NEW HAMPSHIRE

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 3

7 Quantity of RCRA Hazardous Waste Managed: 0 Tons

Table 8 has been omitted from this report because there were no facilities in the State of New Hampshire that reported managing RCRA hazardous waste in 1999 other than as a storage-only facility.

NEW HAMPSHIRE

1999 WASTE MANAGEMENT, CONTINUED

Tables 9, 10, and 11 have been omitted from this report because there were no facilities in the State of New Hampshire that reported managing RCRA hazardous waste in 1999 other than as a storage-only facility.

NEW HAMPSHIRE

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 157

13 Quantity of RCRA Hazardous Waste Shipped: 11,098 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	NHD048724173	HAMPSHIRE CHEMICAL CORPORATION	NASHUA	3,296
2	NHD003941655	OSRAM SYLVANIA INC	EXETER	1,836
3	NHD046312559	HADCO CORPORATION	DERRY	496
4	NHD073974651	TERADYNE CIRCUITS OPERATION	NASHUA	473
5	NHD018953794	STURM RUGER & CO INC	NEWPORT	463
6	NHD040245607	SANMINA CORPORATION	NASHUA	339
7	NHD001038348	UPACO ADHESIVE INC	NASHUA	279
8	NHD058537960	WEBSTER VALVE INC	FRANKLIN	216
9	NHD048722466	PIERCE&STEVENS C&A BUSINESS GR	SEABROOK	181
10	NHD001091073	GENERAL ELECTRIC COMPANY	SOMERSWORTH	157
11	NHD001078682	HITCHINER MFG CO INC	MILFORD	146
12	NHD073990418	FRAMATOME CONNECTORS USA INC	LINCOLN	130
13	NHD041027822	DARTMOUTH COLLEGE	HANOVER	129
14	NHD001427475	GENERAL ELECTRIC CO BLDG 1	HOOKSETT	124
15	NHD500008420	PRIME TANNING CO INC	ROCHESTER	114
16	NHD048729685	BAILEY CORP	SEABROOK	105
17	NHD982716169	PHILLIPS EXETER ACADEMY	EXETER	101
18	NHD986483832	SEAWARD CORPORATION	PORTSMOUTH	99
19	NHD066752734	FREUDENBERG-NOK GENERAL PTNSHP	MANCHESTER	85
20	NHD062002035	MILLIPORE CORP	JAFFREY	84
21	NHD990717092	DEXTER HYSOL	SEABROOK	81
22	NHD001422351	ALLTEX UNIFORM RENTAL SVSC INC	MANCHESTER	80
23	NHD001086321	NH BALL BEARINGS INC	PETERBOROUGH	74
24	NHD045011616	TEXTRON AUTOMOTIVE INTERIORS	FARMINGTON	66
25	NHD500020847	PACKARD L W CO INC (NEW HAMPTON PLANT)	NEW HAMPTON	66
26	NHD045513785	TEXAS INSTRUMENTS INC	MERRIMACK	65
27	NHD081255788	ADVANCED CIRCUIT TECH INC	NASHUA	63
28	NHD073984288	OSRAM SYLVANIA INC	HILLSBORO	61
29	NHD080027048	POLYCLAD LAMINATES INC	FRANKLIN	60
30	NHD980917660	HITCHINER MFG CO INC	LITTLETON	59
31	NHD986470730	MONTGOMERY WIRE CORPORATION	LITTLETON	49
32	NHD510150634	1879 ASSOCIATION	MANCHESTER	48
33	NHD099362048	POLYCLAD LAMINATES INC	FRANKLIN	47
34	NHD040244428	ELECTROPAC CO INC	MANCHESTER	46
35	NHD980668156	HADCO CORP	SALEM	46
36	NHD991302522	HADCO HUDSON	HUDSON	46
37	NHD001078062	TELEDYNE ELECTRONIC TECH	HUDSON	46
38	NHD001083609	LEWIS & SAUNDERS INC	LACONIA	44
39	NHD986486017	ADVANCED RECYCLING	CONCORD	43
40	NHD500004247	SAFETY-KLEEN (NE) INC	NASHUA	38
41	NHD048727994	PARKER HANNIFIN CORP/CHOMERICS TEC DIVIS	HUDSON	36
42	NHD037695236	HEIDELBERG HARRIS INC	DOVER	35
43	NHD986467124	TELEDYNE HALCO	LONDONDERRY	32
44	NHD980914097	LOCKHEED MARTIN CORPORATION	NASHUA	32
45	NHD066755364	BATESVILLE MANUFACTURING CO	NASHUA	30
46	NH7570024847	US PEASE AIR FORCE BASE	PEASE ANGB	30
47	NHD001085158	MARKEM CORP	KEENE	29
48	NHD001079219	LOCKHEED MARTIN CORPORATION	NASHUA	28
49	NHD986466118	AMRO ENV LABORATORIES CORP	MERRIMACK	27
50	NHD001078740	BRONZE CRAFT CORP	NASHUA	26
Total				10,286

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NEW HAMPSHIRE

1999 WASTE RECEIPTS

Tables 15, 16, and 17 have been omitted from this report because there were no facilities in the State of New Hampshire that reported receiving RCRA hazardous waste in 1999.

NEW HAMPSHIRE

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the State of New Hampshire that reported receiving RCRA hazardous waste in 1999.

NEW HAMPSHIRE

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 0 Tons

22 Quantity of RCRA Hazardous Waste Exported: 11,074 Tons

NEW JERSEY

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 1,071
- 2 Quantity of RCRA Hazardous Waste Generated: 650,534 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	NJD002454544	MARISOL INCORPORATED	MIDDLESEX	329,683
2	NJD078714433	HONEYWELL INC	TETERBORO	55,349
3	NJD002385730	E I DU PONT DE NEMOURS & CO INC CHAMBER	DEEPWATER	51,094
4	NJD002182897	SAFETY-KLEEN SYSTEMS (LINDEN)	LINDEN	20,304
5	NJD001317064	MERCK & CO INC	RAHWAY	15,925
6	NJD085644110	CO-STEEL RARITAN	PERTH AMBOY	14,070
7	NJD053288239	SAFETY-KLEEN (BRIDGEPORT), INC.	BRIDGEPORT	11,739
8	NJD078873270	CO-STEEL SAYREVILLE	SAYREVILLE	11,531
9	NJD002460855	MADISON INDUSTRIES INC	OLD BRIDGE	6,999
10	NJD042896738	SMITHKLINE BEECHAM PHARMACEUTICALS	PISCATAWAY	6,737
11	NJD001599604	HAWARD CORPORATION	NORTH ARLINGTON	6,724
12	NJD068699107	DELPHI AUTOMOTIVE SYSTEMS LLC	NEW BRUNSWICK	6,468
13	NJD081982902	CHEVRON PRODUCTS COMPANY	PERTH AMBOY	6,085
14	NJD980648547	GEORGE WASHINGTON BRIDGE ADMIN BLDG	FORT LEE	4,052
15	NJD002146504	ISP VAN DYK INC	BELLEVILLE	3,763
16	NJR000024737	ROCKWELL INTERNATIONAL CORP KOOLTRONIC S	HOPEWELL	3,546
17	NJD002445112	BEAZER EAST INC	KEARNY	3,523
18	NJD981137342	K HOVNANIAN AT UNION TOWNSHIP I INC	UNION	2,893
19	NJD981080401	CHEM-FLEUR/FIRMENICH INC	NEWARK	2,683
20	NJD002347565	US PIPE & FOUNDRY CO INC	BURLINGTON	2,647
21	NJD981133150	REPUBLIC ENVL RECYCLING INC	CLAYTON	2,466
22	NJD002191211	HOFFMANN-LAROCHE INC	NUTLEY	2,309
23	NJD002141190	CIBA SPECIALTY CHEMICALS INC	OLD BRIDGE	2,286
24	NJD064344575	GANES CHEMICALS INC	PENNSVILLE	2,124
25	NJD991291105	S AND W WASTE, INC.	SOUTH KEARNY	1,929
26	NJ0000382002	CRS INC	MAHWAH	1,906
27	NJD980753875	AUSIMONT USA INC	THOROFARE	1,859
28	NJD986645984	BAYWAY REFINING COMPANY/BAYWAY REFINERY	LLINDEN	1,740
29	NJR000030148	TARMAC MINERALS INC	LAKE HOPATCONG	1,676
30	NJD002157030	THE SHERWIN-WILLIAMS COMPANY	EDISON	1,652
31	NJD060074101	GARLOCK BEARINGS LLC	THOROFARE	1,621
32	NJD052204633	AKZO NOBEL POLYMER CHEICAL LLC	EDISON	1,553
33	NJD045995693	CASIE ECOLOGY OIL SALVAGE INC T/A CASIE	VINELAND	1,445
34	NJD001317601	SCHERING CORPORATION UNION	UNION	1,337
35	NJD002139228	INTERNATIONAL PAINT	UNION	1,256
36	NJD053101085	MOBIL CHEMICAL COMPANY-CPD	EDISON	1,228
37	NJR000028605	NJ DOT RT 29 10C	TRENTON	1,179
38	NJD001700707	SOLUTION INC	BRIDGEPORT	1,059
39	NJD092225721	7-ELEVEN INC	GREAT MEADOWS	1,038
40	NJD990753162	COASTAL EAGLE POINT OIL CO	WESTVILLE	1,024
41	NJD001213727	NOVUS FINE CHEMICALS LLC	CARLSTADT	1,020
42	NJ3210020597	US ARMY COMM ELECT COMMAND	FORT MONMOUTH	993
43	NJD000029553	AT & T	CLARK	964
44	NJD986584415	GOLDIES KOSHER AUTO PARTS	KEARNY	930
45	NJR000026690	INFINEUM USA LP-BAYWAY CHEMICAL PLT	LINDEN	916
46	NJT350010112	PERMACEL	NORTH BRUNSWICK	906
47	NJR000020495	BIOMATRIX INC	RIDGEFIELD	902
48	NJD980648497	PORT AUTHORITY NEWARK INTL AIRPORT	NEWARK	887
49	NJD051274348	MORTON INTERNATIONAL INC	PATERSON	875
50	NJD002143782	FORD MOTOR CO/EDISON ASSEMBLY PLANT	EDISON	864
Total				607,757

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NEW JERSEY

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	12,570	ONLY AN F CODE	134,417		
ONLY CORROSIVE	717	ONLY A K CODE	12,169		
ONLY REACTIVE	289	ONLY A P CODE	46		
ONLY D004-17	49,899	ONLY A U CODE	335		
ONLY D018-43	6,771				
HAS MORE THAN ONE CHARACTERISTIC CODE	12,234	HAS MORE THAN ONE LISTED CODE	8,020		
TOTAL	82,480	TOTAL	154,987	Both Characteristic and Listed	412,861

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	8,609			IGN. W/ AT LEAST 1 LSTD	359,656
HAS CORROSIVE CODE	3,129			CORR. W/ AT LEAST 1 LSTD	11,225
HAS REACTIVE CODE	1,736			REACT. W/ AT LEAST 1 LSTD	817
HAS D004-D017 CODE	9,842			D004-17 W/ AT LEAST 1 LSTD	347,700
HAS D018-D043 CODE	5,117			D018-43 W/ AT LEAST 1 LSTD	344,719
		HAS AN F CODE	7,048	F WASTE W/ AT LEAST 1 CHAR	395,800
		HAS A K CODE	7,027	K WASTE W/ AT LEAST 1 CHAR	29,337
		HAS A P CODE	972	P WASTE W/ AT LEAST 1 CHAR	12,175
		HAS A U CODE	993	U WASTE W/ AT LEAST 1 CHAR	25,374
TOTAL	12,234	TOTAL	8,020	TOTAL	412,861

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

NEW JERSEY

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 44

7 Quantity of RCRA Hazardous Waste Managed: 192,698 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	NJD002385730	E I DU PONT DE NEMOURS & CO INC CHAMBER	DEEPWATER	45,670
2	NJD002182897	SAFETY-KLEEN SYSTEMS (LINDEN)	LINDEN	43,239
3	NJD002454544	MARISOL INCORPORATED	MIDDLESEX	35,168
4	NJD053288239	SAFETY-KLEEN (BRIDGEPORT), INC.	BRIDGEPORT	33,183
5	NJD991291105	S AND W WASTE, INC.	SOUTH KEARNY	26,441
6	NJD001317064	MERCK & CO INC	RAHWAY	3,293
7	NJD045995693	CASIE ECOLOGY OIL SALVAGE INC T/A CASIE	VINELAND	2,088
8	NJD980753875	AUSIMONT USA INC	THOROFARE	1,898
9	NJD981133150	REPUBLIC ENVL RECYCLING INC	CLAYTON	1,623
10	NJD002521961	HERCULES INCORPORATED	PARLIN	94
11	NJD011550092	E R SQUIBB & SONS INC	NEW BRUNSWICK	1
Total				192,698

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

NEW JERSEY

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	9.1
SOLVENTS RECOVERY	M021-M029	4,029	2.1	3	27.3
OTHER RECOVERY	M031-M039	2,088	1.1	1	9.1
INCINERATION	M041-M049	35,178	18.3	4	36.4
ENERGY RECOVERY	M051-M059	3,293	1.7	2	18.2
FUEL BLENDING	M061	77,608	40.3	5	45.5
STABILIZATION	M111-M119	24,881	12.9	1	9.1
LANDFILL	M132	45,622	23.7	2	18.2
		192,698	100.0	11	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	77,608	40.3	5	45.5
LANDFILL	M132	45,622	23.7	2	18.2
INCINERATION	M041-M049	35,178	18.3	4	36.4
STABILIZATION	M111-M119	24,881	12.9	1	9.1
SOLVENTS RECOVERY	M021-M029	4,029	2.1	3	27.3
ENERGY RECOVERY	M051-M059	3,293	1.7	2	18.2
OTHER RECOVERY	M031-M039	2,088	1.1	1	9.1
METALS RECOVERY	M011-M019	0	0.0	1	9.1
		192,698	100.0	11	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	77,608	40.3	5	45.5
INCINERATION	M041-M049	35,178	18.3	4	36.4
SOLVENTS RECOVERY	M021-M029	4,029	2.1	3	27.3
ENERGY RECOVERY	M051-M059	3,293	1.7	2	18.2
LANDFILL	M132	45,622	23.7	2	18.2
METALS RECOVERY	M011-M019	0	0.0	1	9.1
OTHER RECOVERY	M031-M039	2,088	1.1	1	9.1
STABILIZATION	M111-M119	24,881	12.9	1	9.1
		192,698	100.0	11	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NEW JERSEY

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 999

13 Quantity of RCRA Hazardous Waste Shipped: 543,002 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	NJD002454544	MARISOL INCORPORATED	MIDDLESEX	331,897
2	NJD002182897	SAFETY-KLEEN SYSTEMS (LINDEN)	LINDEN	23,356
3	NJD085644110	CO-STEEL RARITAN	PERTH AMBOY	14,070
4	NJD001317064	MERCK & CO INC	RAHWAY	12,632
5	NJD053288239	SAFETY-KLEEN (BRIDGEPORT), INC.	BRIDGEPORT	11,648
6	NJD078873270	CO-STEEL SAYREVILLE	SAYREVILLE	11,531
7	NJD002460855	MADISON INDUSTRIES INC	OLD BRIDGE	7,014
8	NJD042896738	SMITHKLINE BEECHAM PHARMACEUTICALS	PISCATAWAY	6,737
9	NJD068699107	DELPHI AUTOMOTIVE SYSTEMS LLC	NEW BRUNSWICK	6,468
10	NJD081982902	CHEVRON PRODUCTS COMPANY	PERTH AMBOY	6,085
11	NJD002385730	E I DU PONT DE NEMOURS & CO INC CHAMBER	DEEPWATER	5,497
12	NJD980536593	ONYX ENVIRONMENTAL SERVICES, L.L.C.	FLANDERS	4,405
13	NJD980648547	GEORGE WASHINGTON BRIDGE ADMIN BLDG	FORT LEE	4,052
14	NJD002146504	ISP VAN DYK INC	BELLEVILLE	3,763
15	NJR000024737	ROCKWELL INTERNATIONAL CORP KOOLTRONIC S	HOPEWELL	3,546
16	NJD002445112	BEAZER EAST INC	KEARNY	3,523
17	NJD053101085	MOBIL CHEMICAL COMPANY-CPD	EDISON	3,066
18	NJD981080401	CHEM-FLEUR/FIRMENICH INC	NEWARK	2,683
19	NJD981133150	REPUBLIC ENVL RECYCLING INC	CLAYTON	2,511
20	NJD002191211	HOFFMANN-LAROCHE INC	NUTLEY	2,309
21	NJD002141190	CIBA SPECIALTY CHEMICALS INC	OLD BRIDGE	2,286
22	NJD064344575	GANES CHEMICALS INC	PENNSVILLE	2,124
23	NJ0000382002	CRS INC	MAHWAH	1,783
24	NJD986645984	BAYWAY REFINING COMPANY/BAYWAY REFINERY	LLINDEN	1,686
25	NJR000030148	TARMAC MINERALS INC	LAKE HOPATCONG	1,676
26	NJD060074101	GARLOCK BEARINGS LLC	THOROFARE	1,621
27	NJD000526525	US METALS REFINING CO	CARTERET	1,560
28	NJD052204633	AKZO NOBEL POLYMER CHEICAL LLC	EDISON	1,553
29	NJD045995693	CASIE ECOLOGY OIL SALVAGE INC T/A CASIE	VINELAND	1,445
30	NJD001317601	SCHERING CORPORATION UNION	UNION	1,337
31	NJD002139228	INTERNATIONAL PAINT	UNION	1,275
32	NJD001289610	ALPHA METALS INC	JERSEY CITY	1,275
33	NJR000028605	NJ DOT RT 29 10C	TRENTON	1,179
34	NJR000023036	LORCO PETROLEUM SERVICES	ELIZABETH	1,141
35	NJD001700707	SOLUTIA INC	BRIDGEPORT	1,059
36	NJD092225721	7-ELEVEN INC	GREAT MEADOWS	1,038
37	NJD990753162	COASTAL EAGLE POINT OIL CO	WESTVILLE	1,024
38	NJD001213727	NOVUS FINE CHEMICALS LLC	CARLSTADT	1,020
39	NJ3210020597	US ARMY COMM ELECT COMMAND	FORT MONMOUTH	993
40	NJD000029553	AT & T	CLARK	964
41	NJR000026690	INFINEUM USA LP-BAYWAY CHEMICAL PLT	LINDEN	916
42	NJR000020495	BIOMATRIX INC	RIDGEFIELD	902
43	NJD980648497	PORT AUTHORITY NEWARK INTL AIRPORT	NEWARK	887
44	NJD051274348	MORTON INTERNATIONAL INC	PATERSON	875
45	NJD002143782	FORD MOTOR CO/EDISON ASSEMBLY PLANT	EDISON	864
46	NJT350010112	PERMACEL	NORTH BRUNSWICK	847
47	NJD982270506	SAFETY-KLEEN SYSTEMS, INC. - SOUTH PLAIN	SOUTH PLAINFIELD	755
48	NJD980755367	JOHNSON MATTHEY INC	WEST DEPTFORD	727
49	NJD000768101	SAFETY-KLEEN SYSTEMS INC. SOUTHAMPTON	SOUTHAMPTON	710
50	NJD986568723	CONTINENTAL AIRLINES INC NEWARK	NEWARK	655
Total				502,968

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NEW JERSEY

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 13
- 16 Quantity of RCRA Hazardous Waste Received: 165,543 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	NJD002182897	SAFETY-KLEEN SYSTEMS (LINDEN)	LINDEN	43,549
2	NJD002454544	MARISOL INCORPORATED	MIDDLESEX	35,169
3	NJD053288239	SAFETY-KLEEN (BRIDGEPORT), INC.	BRIDGEPORT	33,067
4	NJD991291105	S AND W WASTE, INC.	SOUTH KEARNY	26,837
5	NJD002200046	CYCLE CHEM INC.	ELIZABETH	18,212
6	NJD980536593	ONYX ENVIRONMENTAL SERVICES, L.L.C.	FLANDERS	5,113
7	NJD045995693	CASIE ECOLOGY OIL SALVAGE INC T/A CASIE	VINELAND	2,088
8	NJD982270506	SAFETY-KLEEN SYSTEMS, INC. - SOUTH PLAIN	SOUTH PLAINFIELD	444
9	NJD000768101	SAFETY-KLEEN SYSTEMS INC. SOUTHAMPTON	SOUTHAMPTON	405
10	NJD000768093	SAFETY-KLEEN SYSTEMS, INC - NEWARK	NEWARK	335
11	NJD047318043	DETREX CORPORATION	CINNAMINSON	203
12	NJD002385730	E I DU PONT DE NEMOURS & CO INC CHAMBER	DEEPWATER	73
13	NJD981133150	REPUBLIC ENVL RECYCLING INC	CLAYTON	48
Total				165,543

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

NEW JERSEY

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	14.3
SOLVENTS RECOVERY	M021-M029	4,028	2.9	2	28.6
OTHER RECOVERY	M031-M039	2,088	1.5	1	14.3
INCINERATION	M041-M049	33,056	23.6	2	28.6
ENERGY RECOVERY	M051-M059	0	0.0	1	14.3
FUEL BLENDING	M061	76,033	54.3	5	71.4
STABILIZATION	M111-M119	24,881	17.8	1	14.3
LANDFILL	M132	25	0.0	1	14.3
		140,111	100.0	7	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	76,033	54.3	5	71.4
INCINERATION	M041-M049	33,056	23.6	2	28.6
STABILIZATION	M111-M119	24,881	17.8	1	14.3
SOLVENTS RECOVERY	M021-M029	4,028	2.9	2	28.6
OTHER RECOVERY	M031-M039	2,088	1.5	1	14.3
LANDFILL	M132	25	0.0	1	14.3
ENERGY RECOVERY	M051-M059	0	0.0	1	14.3
METALS RECOVERY	M011-M019	0	0.0	1	14.3
		140,111	100.0	7	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	76,033	54.3	5	71.4
SOLVENTS RECOVERY	M021-M029	4,028	2.9	2	28.6
INCINERATION	M041-M049	33,056	23.6	2	28.6
METALS RECOVERY	M011-M019	0	0.0	1	14.3
OTHER RECOVERY	M031-M039	2,088	1.5	1	14.3
ENERGY RECOVERY	M051-M059	0	0.0	1	14.3
STABILIZATION	M111-M119	24,881	17.8	1	14.3
LANDFILL	M132	25	0.0	1	14.3
		140,111	100.0	7	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NEW JERSEY

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 108,098 Tons

22 Quantity of RCRA Hazardous Waste Exported: 449,482 Tons

NEW MEXICO

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 41
- 2 Quantity of RCRA Hazardous Waste Generated: 238,558 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	NMD048918817	NAVAJO REFINING CO	ARTESIA	195,143
2	NM5890110518	SANDIA NATIONAL LABORATORIES FOR THE U.S	ALBUQUERQUE	36,761
3	NM0890010515	U.S. DOE LOS ALAMOS NATIONAL LABORATORY	LOS ALAMOS	4,509
4	NMD000609339	INTEL CORPORATION	RIO RANCHO	960
5	NMD980744551	CTS WIRELESS COMPONENTS, INC.	ALBUQUERQUE	244
6	NMD000709782	PHILIPS SEMICONDUCTORS	ALBUQUERQUE	165
7	NM6572124422	HOLLOMAN AFB	HOLLOMAN AFB	158
8	NMD052684578	GE AIRCRAFT ENGINES	ALBUQUERQUE	73
9	NM0001001320	NOVABUS INCORPORATED	ROSWELL	64
10	NM9570024423	KIRTLAND AIR FORCE BASE	KIRTLAND AFB	62
11	NMD089411292	PHELPS DODGE HIDALGO INC	PLAYAS	45
12	NMD000333559	UNICHEM, A DIVISION OF BJ SVCS CO, USA	HOBBS	44
13	NMD360010367	LEA REFINING COMPANY	LOVINGTON	41
14	NM2750211235	WHITE SANDS MISSILE RANGE	WHITE SANDS MISSILE RAN	35
15	NMD030434567	SAN JUAN REGIONAL MEDICAL CENTER	FARMINGTON	32
16	NM7572124454	CANNON AFB NM	CANNON AFB	28
17	NMD986676955	COMPRESSOR STATION NO. 9, ROSWELL	ROSWELL, NEW MEXICO	26
18	NMD986670248	EL PASEO FIELD SERVICES CO - BLANCO P/L	BLANCO	23
19	NMD980621197	UNIVERSITY OF NM-ALBUQUERQUE CAMPUS	ALBUQUERQUE	15
20	NMD000610303	HONEYWELL DEFENSE AVIONICS SYSTEMS	ALBUQUERQUE	15
21	NMD982289779	PRESBYTERIAN KASEMAN HOSPITAL	ALBUQUERQUE	15
22	NMD035686823	BF GOODRICH AEROSPACE	ALBUQUERQUE	14
23	NMD007114655	PRESBYTERIAN HOSPITAL	ALBUQUERQUE	13
24	NMP360081574	EL PASO NAT GAS CAPROCK COMP STN	TATUM	11
25	NMD000804294	SAFETY-KLEEN SYSTEMS	ALBUQUERQUE	10
26	NMD000729053	TRANSWESTERN PIPELINE CO/COMP ST 7	MOUNTAINAIR	9
27	NMD035806405	PHELPS DODGE TYRONE INC.	TYRONE	8
28	NMD000708925	CHEVRON ALBUQUERQUE TERMINAL	ALBUQUERQUE	8
29	NMD986675411	LYBROOK PLANT	LYBROOK	6
30	NMR000000679	SILMAX, LLC	ALBUQUERQUE	4
31	NM4213720101	USAADACENFB	MCGREGOR RANGE CAMP	4
32	NMD360010573	TRANSWESTERN PIPELINE CO/COMP STAT 8	NEAR CORONA	3
33	NMD980698849	SAFETY-KLEEN SYSTEMS	FARMINGTON	3
34	NMD000562645	SUMITOMO SITIX SILICON, INC.	ALBUQUERQUE	2
35	NMD000333211	GIANT REFINING CO.-CINIZA REFINERY	JAMESTOWN,	2
36	NMD986684207	SHAMROCK LOGISTICS OPERATIONS, LP	ALBUQUERQUE	2
37	NM4890139088	US DOE WASTE ISOLATION PILOT PLANT	CARLSBAD	1
38	NMD986676922	TRANSWESTERN PIPELINE CO/WT-1 COMP ST	CARLSBAD	1
39	NM6213820974	FORT WINGATE ARMY DEPOT	GALLUP	0
Total				238,558

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

NEW MEXICO

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	133	ONLY AN F CODE	36,769		
ONLY CORROSIVE	2	ONLY A K CODE	356		
ONLY REACTIVE	1	ONLY A P CODE	0		
ONLY D004-17	5,003	ONLY A U CODE	3		
ONLY D018-43	194,723				
HAS MORE THAN ONE CHARACTERISTIC CODE	146	HAS MORE THAN ONE LISTED CODE	43		
TOTAL	200,008	TOTAL	37,171	Both Characteristic and Listed	1,320

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	82			IGN. W/ AT LEAST 1 LSTD	1,292
HAS CORROSIVE CODE	36			CORR. W/ AT LEAST 1 LSTD	15
HAS REACTIVE CODE	24			REACT. W/ AT LEAST 1 LSTD	87
HAS D004-D017 CODE	101			D004-17 W/ AT LEAST 1 LSTD	119
HAS D018-D043 CODE	83			D018-43 W/ AT LEAST 1 LSTD	128
		HAS AN F CODE	43	F WASTE W/ AT LEAST 1 CHAR	1,315
		HAS A K CODE	43	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	1	P WASTE W/ AT LEAST 1 CHAR	1
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	5
TOTAL	146	TOTAL	43	TOTAL	1,320

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

NEW MEXICO**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 7

7 Quantity of RCRA Hazardous Waste Managed: 2 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	NM5890110518	SANDIA NATIONAL LABORATORIES FOR THE U.S	ALBUQUERQUE	1
2	NM0890010515	U.S. DOE LOS ALAMOS NATIONAL LABORATORY	LOS ALAMOS	1
Total				2

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

NEW MEXICO

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	1	63.7	1	50.0
STABILIZATION	M111-M119	1	36.3	1	50.0
		2	100.0	2	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	1	63.7	1	50.0
STABILIZATION	M111-M119	1	36.3	1	50.0
		2	100.0	2	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	1	63.7	1	50.0
STABILIZATION	M111-M119	1	36.3	1	50.0
		2	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
 Columns may not sum due to rounding.
 Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NEW MEXICO

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 40

13 Quantity of RCRA Hazardous Waste Shipped: 8,449 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	NM0890010515	U.S. DOE LOS ALAMOS NATIONAL LABORATORY	LOS ALAMOS	4,587
2	NMD000609339	INTEL CORPORATION	RIO RANCHO	960
3	NMD048918817	NAVAJO REFINING CO	ARTESIA	866
4	NMD000804294	SAFETY-KLEEN SYSTEMS	ALBUQUERQUE	350
5	NMD002208627	RINCHEM COMPANY, INC.	ALBUQUERQUE	247
6	NMD980698849	SAFETY-KLEEN SYSTEMS	FARMINGTON	170
7	NMD000709782	PHILIPS SEMICONDUCTORS	ALBUQUERQUE	165
8	NM6572124422	HOLLOMAN AFB	HOLLOMAN AFB	156
9	NMD982289779	PRESBYTERIAN KASEMAN HOSPITAL	ALBUQUERQUE	128
10	NM5890110518	SANDIA NATIONAL LABORATORIES FOR THE U.S	ALBUQUERQUE	115
11	NMD007114655	PRESBYTERIAN HOSPITAL	ALBUQUERQUE	110
12	NMD052684578	GE AIRCRAFT ENGINES	ALBUQUERQUE	73
13	NM0001001320	NOVABUS INCORPORATED	ROSWELL	64
14	NM9570024423	KIRTLAND AIR FORCE BASE	KIRTLAND AFB	62
15	NMD089411292	PHELPS DODGE HIDALGO INC	PLAYAS	45
16	NMD000333559	UNICHEM, A DIVISION OF BJ SVCS CO, USA	HOBBS	44
17	NM2750211235	WHITE SANDS MISSILE RANGE	WHITE SANDS MISSILE RANG	35
18	NMD030434567	SAN JUAN REGIONAL MEDICAL CENTER	FARMINGTON	32
19	NMD980744551	CTS WIRELESS COMPONENTS, INC.	ALBUQUERUQUE	29
20	NM7572124454	CANNON AFB NM	CANNON AFB	28
21	NMD986676955	COMPRESSOR STATION NO. 9, ROSWELL	ROSWELL, NEW MEXICO	26
22	NMD986670248	EL PASEO FIELD SERVICES CO - BLANCO P/L	BLANCO	23
23	NMD980621197	UNIVERSITY OF NM-ALBUQUERQUE CAMPUS	ALBUQUERQUE	23
24	NMD360010367	LEA REFINING COMPANY	LOVINGTON	22
25	NMD000610303	HONEYWELL DEFENSE AVIONICS SYSTEMS	ALBUQUERQUE	15
26	NMD035686823	BF GOODRICH AEROSPACE	ALBUQUERQUE	14
27	NMP360081574	EL PASO NAT GAS CAPROCK COMP STN	TATUM	11
28	NMD000729053	TRANSWESTERN PIPELINE CO/COMP ST 7	MOUNTAINAIR	9
29	NMD000708925	CHEVRON ALBUQUERQUE TERMINAL	ALBUQUERQUE	8
30	NMD035806405	PHELPS DODGE TYRONE INC.	TYRONE	7
31	NMD986675411	LYBROOK PLANT	LYBROOK	6
32	NMR000000679	SILMAX, LLC	ALBUQUERQUE	4
33	NM4213720101	USAADACENFB	MCGREGOR RANGE CAMP	4
34	NMD360010573	TRANSWESTERN PIPELINE CO/COMP STAT 8	NEAR CORONA	3
35	NMD000562645	SUMITOMO SITIX SILICON, INC.	ALBUQUERQUE	2
36	NMD000333211	GIANT REFINING CO.-CINIZA REFINERY	JAMESTOWN,	2
37	NMD986684207	SHAMROCK LOGISTICS OPERATIONS, LP	ALBUQUERQUE	2
38	NM4890139088	US DOE WASTE ISOLATION PILOT PLANT	CARLSBAD	1
39	NMD986676922	TRANSWESTERN PIPELINE CO/WT-1 COMP ST	CARLSBAD	1
40	NM6213820974	FORT WINGATE ARMY DEPOT	GALLUP	0
Total				8,449

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

NEW MEXICO

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 5

16 Quantity of RCRA Hazardous Waste Received: 684 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	NMD000804294	SAFETY-KLEEN SYSTEMS	ALBUQUERQUE	377
2	NMD002208627	RINCHEM COMPANY, INC.	ALBUQUERQUE	179
3	NMD980698849	SAFETY-KLEEN SYSTEMS	FARMINGTON	126
4	NM5890110518	SANDIA NATIONAL LABORATORIES FOR THE U.S	ALBUQUERQUE	2
5	NM0890010515	U.S. DOE LOS ALAMOS NATIONAL LABORATORY	LOS ALAMOS	0
Total				684

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

NEW MEXICO

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	1	100.0	1	100.0
		1	100.0	1	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	1	100.0	1	100.0
		1	100.0	1	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	1	100.0	1	100.0
		1	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NEW MEXICO

1999 IMPORTS AND EXPORTS

- 21 Quantity of RCRA Hazardous Waste Imported: 168 Tons

- 22 Quantity of RCRA Hazardous Waste Exported: 7,970 Tons

NEW YORK

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 2,647
- 2 Quantity of RCRA Hazardous Waste Generated: 548,928 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	NYD049836679	CWM CHEMICAL SERVICES, L.L.C.	MODEL CITY	169,746
2	NYD981566417	GCL TILE & TREATMENT	SIDNEY	71,565
3	NYD030485288	REVERE SMELTING & REFINING CORPORATION	MIDDLETOWN	52,895
4	NYD002080034	GENERAL ELECTRIC CO.	WATERFORD	44,163
5	NYD980592497	EASTMAN KODAK	ROCHESTER	28,351
6	NY0002455756	USEPA-CONSOLIDATED IRON SITE	NEWBURGH	13,564
7	NYD980780928	NYSDEC/VANDER HORST SITE	OLEAN	9,852
8	NY4571924451	AFBCA/DA-GRIFFISS	ROME	9,202
9	NYD986930758	NATIONAL FUEL GAS/SCAJAQUADA CREEK	BUFFALO	8,162
10	NYD010783967	BUCKBEE-MEARS CORTLAND	CORTLAND	7,647
11	NYD066785650	AUBURN STEEL CO INC AUBURN DIVISION	AUBURN	7,362
12	NYD002245967	REYNOLDS METALS CO. ST. LAW. PLANT	MASSENA	7,253
13	NYD000824482	OCCIDENTAL CHEMICAL CORPORATION	NIAGARA FALLS	6,686
14	NYD002070118	SCHENECTADY INTERNATIONAL, INC.	ROTTERDAM JUNCTION	3,642
15	NYD002014595	NEPERA INC	HARRIMAN	3,311
16	NYD054065909	LEDERLE LABORATORIES	PEARL RIVER	2,946
17	NYD000707901	IBM EAST FISHKILL	HOPEWELL JUNCTION	2,932
18	NYD987010964	FARRINGTON ST FLUSH FACILITY	QUEENS	2,780
19	NYD149776130	DIA CENTER FOR THE ARTS	BEACON	2,754
20	NYD002232304	ALCOA INC	MASSENA	2,672
21	NYD002123503	DUPONT NIAGARA PLANT	NIAGARA FALLS	2,640
22	NYD002233039	INTERNATIONAL BUSINESS MACHINES	ENDICOTT	2,625
23	NYD075243139	TRIBOROUGH BRIDGE	NEW YORK	2,379
24	NYR000055442	NYS DEPT OF TRANSPORTATION; REGION 11	LONG ISLAND CITY	2,307
25	NYD066832023	GENERAL ELECTRIC, CO.	SELKIRK	2,169
26	NYR000003640	NYS DEC/STORONSKIE COOPERAGE	SCHODACK	2,164
27	NYD000513366	NYS DEC/BP AMERICA	NIAGARA FALLS	2,150
28	NYD982177743	W. 28TH ST.	NEW YORK	2,089
29	NYD000706218	3RD AVE	BROOKLYN	2,077
30	NYD002220804	ARCH CHEMICALS, INC.	ROCHESTER	1,974
31	NYR000066654	39TH ST YARD	NEW YORK	1,827
32	NYR000028712	NYCDOT - MACOMB'S DAM BRIDGE PROJECT	BRONX	1,619
33	NYD002215226	VALEO-ESI	ROCHESTER	1,449
34	NYD002230902	BRISTOL-THOMPSON RD	EAST SYRACUSE	1,378
35	NYD981484785	TOSHIBA DISPLAY DEVICES INC	HORSEHEADS	1,309
36	NYD002211324	XEROX COARPORATION	WEBSTER	1,265
37	NYD002084721	COLONIE FUSRAP SITE	COLONIE	1,141
38	NYD000818468	CAE LINK FLIGHT SIMULATION DIVISION	HILLCREST	1,067
39	NYD096920483	PHOTOCIRCUITS CORPORATION	GLEN COVE	1,064
40	NYR000056762	NYS DEPT OF TRANSPORTATION; REGION 11	LONG ISLAND CITY	955
41	NYD003959251	KEYMARK CORPORATION	FONDA	953
42	NYD175773779	VANCHEM INC	LOCKPORT	897
43	NYD001250653	NYSDEC/SWIVELIER CO SITE	NANUET	879
44	NYD002241982	HADCO CORPORATION - OWEGO DIVISION	OWEGO	838
45	NYD002081396	WYETH-AYERST PHARMACEUTICALS INC	ROUSES POINT	831
46	NYD080480734	IBM CORPORATION	POUGHKEEPSIE	787
47	NY7890008975	BROOKHAVEN NATIONAL LABORATORY	UPTON	781
48	NY0000347864	NYSDOT BIN 1-04159-0	CONCORD	781
49	NYD002126852	DELPHI THERMAL - WEST LOCKPORT COMPLEX	LOCKPORT	742
50	NYD083626077	NYCOMED	RINESSELAER	711
Total				501,331

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NEW YORK

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	6,962	ONLY AN F CODE	55,226		
ONLY CORROSIVE	3,396	ONLY A K CODE	19,983		
ONLY REACTIVE	282	ONLY A P CODE	39		
ONLY D004-17	127,410	ONLY A U CODE	72,355		
ONLY D018-43	15,401				
HAS MORE THAN ONE CHARACTERISTIC CODE	176,424	HAS MORE THAN ONE LISTED CODE	4,310		
TOTAL	329,875	TOTAL	151,913	Both Characteristic and Listed	67,128

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	3,385			IGN. W/ AT LEAST 1 LSTD	59,025
HAS CORROSIVE CODE	172,140			CORR. W/ AT LEAST 1 LSTD	26,939
HAS REACTIVE CODE	166,168			REACT. W/ AT LEAST 1 LSTD	3,152
HAS D004-D017 CODE	174,862			D004-17 W/ AT LEAST 1 LSTD	11,645
HAS D018-D043 CODE	3,004			D018-43 W/ AT LEAST 1 LSTD	39,010
		HAS AN F CODE	4,306	F WASTE W/ AT LEAST 1 CHAR	61,533
		HAS A K CODE	1,547	K WASTE W/ AT LEAST 1 CHAR	4,038
		HAS A P CODE	2,744	P WASTE W/ AT LEAST 1 CHAR	1,754
		HAS A U CODE	2,677	U WASTE W/ AT LEAST 1 CHAR	23,340
TOTAL	176,424	TOTAL	4,310	TOTAL	67,128

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

NEW YORK

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 59

7 Quantity of RCRA Hazardous Waste Managed: 316,470 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	NYD030485288	REVERE SMELTING & REFINING CORPORATION	MIDDLETOWN	167,285
2	NYD981566417	GCL TILE & TREATMENT	SIDNEY	71,565
3	NYD980592497	EASTMAN KODAK	ROCHESTER	24,671
4	NYD080469935	NORLITE CORPORATION	COHOES	21,978
5	NYD002080034	GENERAL ELECTRIC CO.	WATERFORD	14,729
6	NYD000824482	OCCIDENTAL CHEMICAL CORPORATION	NIAGARA FALLS	4,610
7	NYD002014595	NEPERA INC	HARRIMAN	3,123
8	NYD066832023	GENERAL ELECTRIC, CO.	SELKIRK	1,735
9	NYD002070118	SCHENECTADY INTERNATIONAL, INC.	ROTTERDAM JUNCTION	1,724
10	NYD054065909	LEDERLE LABORATORIES	PEARL RIVER	1,551
11	NYD002232304	ALCOA INC	MASSENA	1,264
12	NYD013277454	SOLVENTS & PETROLEUM SERVICE, INC	SYRACUSE	651
13	NYD002211324	XEROX COARPORATION	WEBSTER	473
14	NYD057770109	NORTHEAST ENVIRONMENTAL SERVICES	WAMPSVILLE	415
15	NYD980779540	US DEPT OF ENERGY WEST VALLEY PROJECT	WEST VALLEY	400
16	NYD000632372	SAFETY-KLEEN (BOT), INC.	CLARENCE	73
17	NYD057722258	PRIDE SOLVENTS & CHEMICAL CO. INC.	WEST BABYLON	68
18	NYD981556541	SAFETY KLEEN SYSTEMS	LACKAWANA	62
19	NYD982743312	SAFETY KLEEN INC	SYRACUSE	53
20	NYD980753784	SAFETY KLEEN SYSTEMS	AVON	17
21	NYD002240638	REMINGTON ARMS CO. INC	ILION	12
22	NYD048148175	MWS NEW YORK	ALBANY	6
23	NYD077444263	CHEMICAL WASTE DISPOSAL CORP	ASTORIA	2
24	NYD049253719	ASHLAND DISTRIBUTION CO	BINGHAMTON	1
25	NYD000818781	BROOKS AVE-ROCHESTER GAS & ELEC CORP	ROCHESTER	1
26	NY7890008975	BROOKHAVEN NATIONAL LABORATORY	UPTON	0
Total				316,470

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

NEW YORK

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	120,942	38.2	4	15.4
SOLVENTS RECOVERY	M021-M029	2,755	0.9	5	19.2
OTHER RECOVERY	M031-M039	0	0.0	2	7.7
INCINERATION	M041-M049	116,230	36.7	7	26.9
ENERGY RECOVERY	M051-M059	25,437	8.0	3	11.5
FUEL BLENDING	M061	548	0.2	5	19.2
STABILIZATION	M111-M119	46,908	14.8	2	7.7
LANDFILL	M132	3,650	1.2	2	7.7
		316,470	100.0	26	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	120,942	38.2	4	15.4
INCINERATION	M041-M049	116,230	36.7	7	26.9
STABILIZATION	M111-M119	46,908	14.8	2	7.7
ENERGY RECOVERY	M051-M059	25,437	8.0	3	11.5
LANDFILL	M132	3,650	1.2	2	7.7
SOLVENTS RECOVERY	M021-M029	2,755	0.9	5	19.2
FUEL BLENDING	M061	548	0.2	5	19.2
OTHER RECOVERY	M031-M039	0	0.0	2	7.7
		316,470	100.0	26	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	116,230	36.7	7	26.9
SOLVENTS RECOVERY	M021-M029	2,755	0.9	5	19.2
FUEL BLENDING	M061	548	0.2	5	19.2
METALS RECOVERY	M011-M019	120,942	38.2	4	15.4
ENERGY RECOVERY	M051-M059	25,437	8.0	3	11.5
OTHER RECOVERY	M031-M039	0	0.0	2	7.7
STABILIZATION	M111-M119	46,908	14.8	2	7.7
LANDFILL	M132	3,650	1.2	2	7.7
		316,470	100.0	26	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NEW YORK

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 1,904

13 Quantity of RCRA Hazardous Waste Shipped: 244,695 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	NYD002080034	GENERAL ELECTRIC CO.	WATERFORD	29,612
2	NYD000824482	OCCIDENTAL CHEMICAL CORPORATION	NIAGARA FALLS	22,059
3	NY0002455756	USEPA-CONSOLIDATED IRON SITE	NEWBURGH	13,564
4	NYD980780928	NYSDEC/VANDER HORST SITE	OLEAN	9,854
5	NY4571924451	AFBCA/DA-GRIFFISS	ROME	9,184
6	NYD986930758	NATIONAL FUEL GAS/SCAJAQUADA CREEK	BUFFALO	8,162
7	NYD010783967	BUCKBEE-MEARS CORTLAND	CORTLAND	7,647
8	NYD066785650	AUBURN STEEL CO INC AUBURN DIVISION	AUBURN	7,361
9	NYD002245967	REYNOLDS METALS CO. ST. LAW. PLANT	MASSENA	7,304
10	NYD049836679	CWM CHEMICAL SERVICES, L.L.C.	MODEL CITY	6,445
11	NYR000071845	CARROLL & DUBIES SUPERFUND SITE	PORT JERVIS	4,255
12	NYD049253719	ASHLAND DISTRIBUTION CO	BINGHAMTON	3,721
13	NYD000708198	SAFETY KLEEN	NORTH AMITYVILLE	3,124
14	NYD987010964	FARRINGTON ST FLUSH FACILITY	QUEENS	2,780
15	NYD149776130	DIA CENTER FOR THE ARTS	BEACON	2,754
16	NYD002233039	INTERNATIONAL BUSINESS MACHINES	ENDICOTT	2,625
17	NYR000077131	H.E.L.P. HOUSES DEVELOPMENT CORP	BROOKLYN	2,522
18	NYD075243139	TRIBOROUGH BRIDGE	NEW YORK	2,379
19	NYR000055442	NYS DEPT OF TRANSPORTATION; REGION 11	LONG ISLAND CITY	2,307
20	NYR000003640	NYS DEC/STORONSKIE COOPERAGE	SCHODACK	2,164
21	NYD000513366	NYS DEC/BP AMERICA	NIAGARA FALLS	2,150
22	NYD980592497	EASTMAN KODAK	ROCHESTER	2,126
23	NYD982177743	W. 28TH ST.	NEW YORK	2,089
24	NYD000706218	3RD AVE	BROOKLYN	2,077
25	NYD080336241	CECOS INTERNATIONAL, INC.	NIAGARA FALLS	1,952
26	NYD002070118	SCHENECTADY INTERNATIONAL, INC.	ROTTERDAM JUNCTION	1,887
27	NYR000066654	39TH ST YARD	NEW YORK	1,827
28	NYD000707901	IBM EAST FISHKILL	HOPEWELL JUNCTION	1,756
29	NYD030485288	REVERE SMELTING & REFINING CORPORATION	MIDDLETOWN	1,622
30	NYR000028712	NYCDOT - MACOMB'S DAM BRIDGE PROJECT	BRONX	1,619
31	NYD054065909	LEDERLE LABORATORIES	PEARL RIVER	1,414
32	NYD002232304	ALCOA INC	MASSENA	1,408
33	NYD002230902	BRISTOL-THOMPSON RD	EAST SYRACUSE	1,378
34	NYD077444263	CHEMICAL WASTE DISPOSAL CORP	ASTORIA	1,354
35	NYD981484785	TOSHIBA DISPLAY DEVICES INC	HORSEHEADS	1,320
36	NYD080460215	OAK-MITSUI INC.	HOOSICK FALLS	1,315
37	NYD002084721	COLONIE FUSRAP SITE	COLONIE	1,141
38	NYD000818468	CAE LINK FLIGHT SIMULATION DIVISION	HILLCREST	1,067
39	NYD096920483	PHOTOCIRCUITS CORPORATION	GLEN COVE	1,064
40	NYR000056762	NYS DEPT OF TRANSPORTATION; REGION 11	LONG ISLAND CITY	955
41	NYD057770109	NORTHEAST ENVIRONMENTAL SERVICES	WAMPSVILLE	931
42	NYD175773779	VANCHEM INC	LOCKPORT	890
43	NYD982743312	SAFETY KLEEN INC	SYRACUSE	882
44	NYD001250653	NYSDEC/SWIVELIER CO SITE	NANUET	879
45	NYD002081396	WYETH-AYERST PHARMACEUTICALS INC	ROUSES POINT	831
46	NYD080480734	IBM CORPORATION	POUGHKEEPSIE	807
47	NYD002241982	HADCO CORPORATION - OWEGO DIVISION	OWEGO	801
48	NY0000347864	NYSDOT BIN 1-04159-0	CONCORD	781
49	NYD000824425	CORNING INC FALL BROOK PLANT	CORNING	780
50	NY7890008975	BROOKHAVEN NATIONAL LABORATORY	UPTON	776
Total				189,702

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NEW YORK

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 23
- 16 Quantity of RCRA Hazardous Waste Received: 157,296 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	NYD030485288	REVERE SMELTING & REFINING CORPORATION	MIDDLETOWN	116,012
2	NYD080469935	NORLITE CORPORATION	COHOES	21,978
3	NYD049253719	ASHLAND DISTRIBUTION CO	BINGHAMTON	4,661
4	NYD082785429	CHEMICAL POLLUTION CONTROL	BAYSHORE	3,053
5	NYD000708198	SAFETY KLEEN	NORTH AMITYVILLE	2,238
6	NYD080336241	CECOS INTERNATIONAL, INC.	NIAGARA FALLS	1,710
7	NYD077444263	CHEMICAL WASTE DISPOSAL CORP	ASTORIA	1,542
8	NYD057770109	NORTHEAST ENVIRONMENTAL SERVICES	WAMPSVILLE	1,530
9	NYD049178296	RADIAC RESEARCH CORP.	BROOKLYN	1,246
10	NYD982743312	SAFETY KLEEN INC	SYRACUSE	512
11	NYD980753784	SAFETY KLEEN SYSTEMS	AVON	490
12	NYD981556541	SAFETY KLEEN SYSTEMS	LACKAWANA	482
13	NYD986872869	SAFETY KLEEN SYSTEMS	COHOES	462
14	NYD013277454	SOLVENTS & PETROLEUM SERVICE, INC	SYRACUSE	449
15	NYD980592497	EASTMAN KODAK	ROCHESTER	419
16	NYD048148175	MWS NEW YORK	ALBANY	312
17	NYD000632372	SAFETY-KLEEN (BOT), INC.	CLARENCE	101
18	NYD057722258	PRIDE SOLVENTS & CHEMICAL CO. INC.	WEST BABYLON	66
19	NYD000818781	BROOKS AVE-ROCHESTER GAS & ELEC CORP	ROCHESTER	27
20	NYD045662921	THE NDL ORGANIZATIONS INC	PEEKSKILL	4
21	NYD002070118	SCHENECTADY INTERNATIONAL, INC.	ROTTERDAM JUNCTION	2
22	NYD002211324	XEROX COARPORATION	WEBSTER	1
23	NYD080480734	IBM CORPORATION	POUGHKEEPSIE	1
Total				157,296

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

NEW YORK

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	116,012	83.5	1	14.3
SOLVENTS RECOVERY	M021-M029	66	0.0	1	14.3
OTHER RECOVERY	M031-M039	0	0.0	1	14.3
INCINERATION	M041-M049	431	0.3	3	42.9
ENERGY RECOVERY	M051-M059	21,978	15.8	1	14.3
FUEL BLENDING	M061	415	0.3	1	14.3
		138,902	100.0	7	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	116,012	83.5	1	14.3
ENERGY RECOVERY	M051-M059	21,978	15.8	1	14.3
INCINERATION	M041-M049	431	0.3	3	42.9
FUEL BLENDING	M061	415	0.3	1	14.3
SOLVENTS RECOVERY	M021-M029	66	0.0	1	14.3
OTHER RECOVERY	M031-M039	0	0.0	1	14.3
		138,902	100.0	7	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	431	0.3	3	42.9
METALS RECOVERY	M011-M019	116,012	83.5	1	14.3
SOLVENTS RECOVERY	M021-M029	66	0.0	1	14.3
OTHER RECOVERY	M031-M039	0	0.0	1	14.3
ENERGY RECOVERY	M051-M059	21,978	15.8	1	14.3
FUEL BLENDING	M061	415	0.3	1	14.3
		138,902	100.0	7	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NEW YORK

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 34,296 Tons

22 Quantity of RCRA Hazardous Waste Exported: 185,354 Tons

NORTH CAROLINA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 508
- 2 Quantity of RCRA Hazardous Waste Generated: 74,757 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	NCD047373766	CATALYTICA PHARMACEUTICALS	GREENVILLE	7,996
2	NCD093340487	AMERISTEEL CORP	CHARLOTTE	4,344
3	NCD980842132	ECOFLO INC	GREENSBORO	3,554
4	NCD001810365	CLARIANT CORPORATION - MOUNT HOLLY EAST	CHARLOTTE	3,479
5	NCD096158696	OMNOVA SOLUTIONS INC	GREENSBORO	3,319
6	NC8210020121	XVIII AIRBORNE CORPS AND FORT BRAGG	FORT BRAGG	2,909
7	NCD042091975	MALLINCKRODT INC.	RALEIGH	2,606
8	NCD121700777	HERITAGE ENVIRONMENTAL SERVICES, LLC	CHARLOTTE	2,378
9	NCD018652339	FREIGHTLINER TRUCKS - CLEVELAND TMP	CLEVELAND	2,069
10	NCD079060059	SAFETY-KLEEN SYSTEMS	CHARLOTTE	1,751
11	NCD097363527	WATTS REGULATOR	SPINDALE	1,348
12	NCD000776740	SAFETY-KLEEN SYSTEMS	RALEIGH	1,277
13	NC1170027261	US MCAS CHERRY POINT	CHERRY POINT	1,213
14	NCD990868168	SUN CHEMICAL CORPORATION	CHARLOTTE	1,197
15	NCR000008458	SOUTH ATLANTIC GALVANIZING	GRAHAM	1,194
16	NCD049997786	BASF CORPORATION	MORGANTON	1,101
17	NCD077840148	SAFETY-KLEEN SYSTEMS	ARCHDALE	1,098
18	NCD003162542	ALCOA, INC / BADIN WORKS	BADIN	1,086
19	NCD003232030	LILLY INDUSTRIES, INC.	HIGH POINT	1,047
20	NCD086872082	OMNOVA SOLUTIONS INC	MONROE	997
21	NCD071561864	THE SHERWIN WILLIAMS CO	GREENSBORO	970
22	NCD091245498	FREIGHTLINER CORPORATION	MOUNT HOLLY	878
23	NCD980846935	SAFETY-KLEEN SYSTEMS	ST PAUL	827
24	NCD003214319	THE SHERWIN-WILLIAMS CO	GREENSBORO	676
25	NCD053491221	LILLY INDUSTRIES, INC. BREVARD ROAD	HIGH POINT	510
26	NCD041415019	VALSPAR HIGH POINT	HIGH POINT	477
27	NCD062567623	HENKEL CORP	CHARLOTTE	470
28	NCD067441394	RJ REYNOLDS TOBACCO CO - 604	WINSTON-SALEM	462
29	NCR000001651	AMERICAN DISTILLATION INC	LELAND	450
30	NCD006390561	AKZO NOBEL COATINGS INC	HIGH POINT	392
31	NCD991278680	CHEMCRAFT INTERNATIONAL INC	WALKERTOWN	391
32	NCD053528170	BALL-FOSTER GLASS CONTAINER CO	HENDERSON	366
33	NCD986166429	FMC CORP	BESSEMER CITY	355
34	NCD981931256	DEL LABORATORIES INC	ROCKY POINT	344
35	NCD085083004	DANAHER TOOL GROUP	GASTONIA	308
36	NCR000007187	R F MICRO DEVICES INC	GREENSBORO	303
37	NCD041048448	REXAM INC	MATTHEWS	300
38	NCD049773245	DETREX CORPORATION	CHARLOTTE	282
39	NCD127257673	TAKEDA VITAMIN & FOOD USA INC	WILMINGTON	268
40	NCD003166675	ECUSTA DIVISION OF P. H. GLATFELTER CO.	PISGAH FOREST	260
41	NCD000623116	NATIONAL STARCH AND CHEMICAL CO	SALISBURY	256
42	NCD003233970	THOMAS BUILT BUSES INC	HIGH POINT	254
43	NCD044387538	GRADY WHITE BOATS INC	GREENVILLE	252
44	NCD049774979	PECHINEY PLASTIC PACKAGING INC	ASHEVILLE	248
45	NCD116001280	KURZ TRANSFER PRODUCTS	LEXINGTON	240
46	NCD981017320	RAUCH INDUSTRIES	GASTONIA	240
47	NCD991278631	HOLTRACHEM MFG CO LLC	RIEGELWOOD	233
48	NCD048467427	CHEMICAL SPECIALTIES INC	HARRISBURG	233
49	NCD085074821	CLARIANT CORPORATION / MOUNT HOLLY WEST	MOUNT HOLLY	225
50	NCD047285598	CAROLINA SOLVENTS INC	HICKORY	223
Total				57,659

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NORTH CAROLINA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	11,367	ONLY AN F CODE	9,068		
ONLY CORROSIVE	1,475	ONLY A K CODE	7,670		
ONLY REACTIVE	107	ONLY A P CODE	4		
ONLY D004-17	4,511	ONLY A U CODE	547		
ONLY D018-43	366				
HAS MORE THAN ONE CHARACTERISTIC CODE	8,775	HAS MORE THAN ONE LISTED CODE	92		
TOTAL	26,600	TOTAL	17,381	Both Characteristic and Listed	30,720

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	5,458			IGN. W/ AT LEAST 1 LSTD	28,173
HAS CORROSIVE CODE	1,259			CORR. W/ AT LEAST 1 LSTD	3,041
HAS REACTIVE CODE	974			REACT. W/ AT LEAST 1 LSTD	511
HAS D004-D017 CODE	3,453			D004-17 W/ AT LEAST 1 LSTD	8,638
HAS D018-D043 CODE	7,485			D018-43 W/ AT LEAST 1 LSTD	11,497
		HAS AN F CODE	92	F WASTE W/ AT LEAST 1 CHAR	30,132
		HAS A K CODE	88	K WASTE W/ AT LEAST 1 CHAR	2,691
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	472
		HAS A U CODE	4	U WASTE W/ AT LEAST 1 CHAR	5,753
TOTAL	8,775	TOTAL	92	TOTAL	30,720

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

NORTH CAROLINA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 75

7 Quantity of RCRA Hazardous Waste Managed: 20,405 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	NCD047373766	CATALYTICA PHARMACEUTICALS	GREENVILLE	7,834
2	NCD003152642	SOLITE CORPORATION, CAROLINA SOLITE DIV.	NORWOOD	6,503
3	NCD042091975	MALLINCKRODT INC.	RALEIGH	2,306
4	NCD980842132	ECOFLO INC	GREENSBORO	2,192
5	NCD121700777	HERITAGE ENVIRONMENTAL SERVICES, LLC	CHARLOTTE	757
6	NC1170027261	US MCAS CHERRY POINT	CHERRY POINT	362
7	NCD067200949	CROFT METALS INC	LUMBER BRIDGE	140
8	NCD072022726	INTERNATIONAL PAPER	WILMINGTON	127
9	NCD084173830	QUALITY FOREST PRODUCTS INC	ENFIELD	99
10	NCD052547635	GLAXO WELLCOME SOUTH CAMPUS	RESEARCH TRIANGLE PARK	32
11	NCD000830737	NORTH CAROLINA STATE UNIVERSITY	RALEIGH	19
12	NCD065655599	GLAXO WELLCOME NORTH CAMPUS	RESEARCH TRIANGLE PARK	12
13	NCD002591014	PARKER HANNIFIN CORP	WAKE FOREST	8
14	NC2750890004	NATIONAL INSTITUTE OF ENVR HEALTH SCI	RTP	8
15	NCD003156213	LENOIR MIRROR CO	LENOIR	3
16	NCD047368642	E I DUPONT & CO - FAYETTEVILLE WORKS	FAYETTEVILLE	2
Total				20,405

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

NORTH CAROLINA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	6.3
SOLVENTS RECOVERY	M021-M029	136	0.7	4	25.0
OTHER RECOVERY	M031-M039	99	0.5	1	6.3
INCINERATION	M041-M049	7,886	38.6	4	25.0
ENERGY RECOVERY	M051-M059	8,809	43.2	2	12.5
FUEL BLENDING	M061	2,927	14.3	3	18.8
SLUDGE TREATMENT	M101-M109	145	0.7	2	12.5
STABILIZATION	M111-M119	54	0.3	2	12.5
OTHER DISPOSAL	M137	348	1.7	1	6.3
		20,405	100.0	16	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	8,809	43.2	2	12.5
INCINERATION	M041-M049	7,886	38.6	4	25.0
FUEL BLENDING	M061	2,927	14.3	3	18.8
OTHER DISPOSAL	M137	348	1.7	1	6.3
SLUDGE TREATMENT	M101-M109	145	0.7	2	12.5
SOLVENTS RECOVERY	M021-M029	136	0.7	4	25.0
OTHER RECOVERY	M031-M039	99	0.5	1	6.3
STABILIZATION	M111-M119	54	0.3	2	12.5
METALS RECOVERY	M011-M019	0	0.0	1	6.3
		20,405	100.0	16	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	136	0.7	4	25.0
INCINERATION	M041-M049	7,886	38.6	4	25.0
FUEL BLENDING	M061	2,927	14.3	3	18.8
ENERGY RECOVERY	M051-M059	8,809	43.2	2	12.5
SLUDGE TREATMENT	M101-M109	145	0.7	2	12.5
STABILIZATION	M111-M119	54	0.3	2	12.5
METALS RECOVERY	M011-M019	0	0.0	1	6.3
OTHER RECOVERY	M031-M039	99	0.5	1	6.3
OTHER DISPOSAL	M137	348	1.7	1	6.3
		20,405	100.0	16	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NORTH CAROLINA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 492

13 Quantity of RCRA Hazardous Waste Shipped: 73,619 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	NCD000773655	GIANT RESOURCE RECOVERY INC	NORWOOD	6,550
2	NCD980842132	ECOFLO INC	GREENSBORO	5,670
3	NCD093340487	AMERISTEEL CORP	CHARLOTTE	4,344
4	NCD061263315	ASHLAND DISTRIBUTION COMPANY	CHARLOTTE	3,608
5	NCD001810365	CLARIANT CORPORATION - MOUNT HOLLY EAST	CHARLOTTE	3,479
6	NCD096158696	OMNOVA SOLUTIONS INC	GREENSBORO	3,319
7	NCD121700777	HERITAGE ENVIRONMENTAL SERVICES, LLC	CHARLOTTE	2,963
8	NC8210020121	XVIII AIRBORNE CORPS AND FORT BRAGG	FORT BRAGG	2,940
9	NCD079060059	SAFETY-KLEEN SYSTEMS	CHARLOTTE	1,715
10	NCD018652339	FREIGHTLINER TRUCKS - CLEVELAND TMP	CLEVELAND	1,356
11	NCD000776740	SAFETY-KLEEN SYSTEMS	RALEIGH	1,275
12	NCR000008458	SOUTH ATLANTIC GALVANIZING	GRAHAM	1,194
13	NCD990868168	SUN CHEMICAL CORPORATION	CHARLOTTE	1,115
14	NCD049997786	BASF CORPORATION	MORGANTON	1,106
15	NCD077840148	SAFETY-KLEEN SYSTEMS	ARCHDALE	1,067
16	NCD003162542	ALCOA, INC / BADIN WORKS	BADIN	1,029
17	NCD071561864	THE SHERWIN WILLIAMS CO	GREENSBORO	970
18	NCD986166338	ONYX ENVIRONMENTAL SERVICES	CREEDMOOR	945
19	NCD049773245	DETREX CORPORATION	CHARLOTTE	916
20	NC1170027261	US MCAS CHERRY POINT	CHERRY POINT	851
21	NCD980846935	SAFETY-KLEEN SYSTEMS	ST PAUL	806
22	NCD003214319	THE SHERWIN-WILLIAMS CO	GREENSBORO	676
23	NCD086872082	OMNOVA SOLUTIONS INC	MONROE	644
24	NCD041415019	VALSPAR HIGH POINT	HIGH POINT	477
25	NCD062567623	HENKEL CORP	CHARLOTTE	470
26	NCD067441394	RJ REYNOLDS TOBACCO CO - 604	WINSTON-SALEM	462
27	NCR000001651	AMERICAN DISTILLATION INC	LELAND	450
28	NCD091245498	FREIGHTLINER CORPORATION	MOUNT HOLLY	422
29	NCD003232030	LILLY INDUSTRIES, INC.	HIGH POINT	396
30	NCD053491221	LILLY INDUSTRIES, INC. BREVARD ROAD	HIGH POINT	393
31	NCD006390561	AKZO NOBEL COATINGS INC	HIGH POINT	392
32	NCD991278680	CHEMCRAFT INTERNATIONAL INC	WALKERTOWN	381
33	NCD053528170	BALL-FOSTER GLASS CONTAINER CO	HENDERSON	366
34	NCD986166429	FMC CORP	BESSEMER CITY	355
35	NCD981931256	DEL LABORATORIES INC	ROCKY POINT	344
36	NCD085083004	DANAHER TOOL GROUP	GASTONIA	308
37	NCR000007187	R F MICRO DEVICES INC	GREENSBORO	303
38	NCD042091975	MALLINCKRODT INC.	RALEIGH	299
39	NCD041048448	REXAM INC	MATTHEWS	290
40	NCD127257673	TAKEDA VITAMIN & FOOD USA INC	WILMINGTON	268
41	NCD000623116	NATIONAL STARCH AND CHEMICAL CO	SALISBURY	256
42	NCD003233970	THOMAS BUILT BUSES INC	HIGH POINT	254
43	NCD049774979	PECHINEY PLASTIC PACKAGING INC	ASHEVILLE	248
44	NCD981017320	RAUCH INDUSTRIES	GASTONIA	240
45	NCD991278631	HOLTRACHEM MFG CO LLC	RIEGELWOOD	233
46	NCD085074821	CLARIANT CORPORATION / MOUNT HOLLY WEST	MOUNT HOLLY	233
47	NCD048467427	CHEMICAL SPECIALTIES INC	HARRISBURG	233
48	NCD065655599	GLAXO WELLCOME NORTH CAMPUS	RESEARCH TRIANGLE PARK	227
49	NCD047285598	CAROLINA SOLVENTS INC	HICKORY	223
50	NCD045924487	EASCO ALUMINUM	WINTON	213
Total				57,276

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

NORTH CAROLINA

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 19
- 16 Quantity of RCRA Hazardous Waste Received: 40,165 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	NCD000648451	SAFETY-KLEEN TS INC	REIDSVILLE	11,729
2	NCD003152642	SOLITE CORPORATION, CAROLINA SOLITE DIV.	NORWOOD	6,503
3	NCD000773655	GIANT RESOURCE RECOVERY INC	NORWOOD	5,759
4	NCD980842132	ECOFLO INC	GREENSBORO	5,558
5	NCD061263315	ASHLAND DISTRIBUTION COMPANY	CHARLOTTE	4,068
6	NCD121700777	HERITAGE ENVIRONMENTAL SERVICES, LLC	CHARLOTTE	1,359
7	NCD986166338	ONYX ENVIRONMENTAL SERVICES	CREEDMOOR	1,058
8	NCD079060059	SAFETY-KLEEN SYSTEMS	CHARLOTTE	920
9	NCD000776740	SAFETY-KLEEN SYSTEMS	RALEIGH	845
10	NCD077840148	SAFETY-KLEEN SYSTEMS	ARCHDALE	807
11	NCD982170292	ENVIROCHEM ENVIRONMENTAL SERVICES, INC.	APEX	744
12	NCD980846935	SAFETY-KLEEN SYSTEMS	ST PAUL	559
13	NCD052547635	GLAXO WELLCOME SOUTH CAMPUS	RESEARCH TRIANGLE PARK	54
14	NCD982093783	UNC - CHAPEL HILL	CHAPEL HILL	53
15	NCD065655599	GLAXO WELLCOME NORTH CAMPUS	RESEARCH TRIANGLE PARK	50
16	NCD000771964	F M C CORP/LITHIUM DIV	BESSEMER CITY	48
17	NC8210020121	XVIII AIRBORNE CORPS AND FORT BRAGG	FORT BRAGG	31
18	NC6170022580	MCB, CAMP LEJEUNE	CAMP LEJEUNE	11
19	NCD000830737	NORTH CAROLINA STATE UNIVERSITY	RALEIGH	8
Total				40,165

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

NORTH CAROLINA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	16.7
INCINERATION	M041-M049	36	0.4	2	33.3
ENERGY RECOVERY	M051-M059	6,503	68.5	1	16.7
FUEL BLENDING	M061	2,910	30.7	3	50.0
STABILIZATION	M111-M119	40	0.4	1	16.7
		9,490	100.0	6	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	6,503	68.5	1	16.7
FUEL BLENDING	M061	2,910	30.7	3	50.0
STABILIZATION	M111-M119	40	0.4	1	16.7
INCINERATION	M041-M049	36	0.4	2	33.3
METALS RECOVERY	M011-M019	0	0.0	1	16.7
		9,490	100.0	6	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	2,910	30.7	3	50.0
INCINERATION	M041-M049	36	0.4	2	33.3
METALS RECOVERY	M011-M019	0	0.0	1	16.7
ENERGY RECOVERY	M051-M059	6,503	68.5	1	16.7
STABILIZATION	M111-M119	40	0.4	1	16.7
		9,490	100.0	6	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NORTH CAROLINA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 22,050 Tons

22 Quantity of RCRA Hazardous Waste Exported: 58,596 Tons

NORTH DAKOTA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 16
- 2 Quantity of RCRA Hazardous Waste Generated: 2,675 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	NDD006175467	AMOCO OIL CO - MANDAN REFINERY	MANDAN	1,486
2	NDD000716738	SAFETY-KLEEN SYSTEMS - FARGO	FARGO	364
3	NDD980957070	SAFETY-KLEEN SYSTEMS - BISMARCK	BISMARCK	286
4	NDD982591794	WASTE RECOVERY SERVICES INC	BELFIELD	147
5	NDD053426565	TRW - LUCAS AEROSPACE	JAMESTOWN	83
6	NDD167721265	HEALTH CARE INCINERATORS	FARGO	71
7	NDD084497775	IMATION CORPORATION	WAHPETON	44
8	NDD051439743	INDUSTRIAL PLATING CORPORATION	WAHPETON	42
9	ND0000479071	MOTOR COACH IND - PAINT SHOP	PEMBINA	33
10	NDD986267938	TECTON PRODUCTS, LLC	FARGO	29
11	ND4571924758	MINOT AIR FORCE BASE	MINOT	23
12	NDD031875719	WIL-RICH, A DIVISION OF TIC UNITED CORP.	WAHPETON	22
13	NDD990872590	CASE CORPORATION	FARGO	15
14	ND3571924759	GRAND FORKS AIR FORCE BASE	GRAND FORKS	13
15	NDD099790818	TURTLE MOUNTAIN MFG. CO	BELCOURT	10
16	NDD000690594	DAKOTA GASIFICATION COMPANY	BEULAH	5
Total				2,675

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

NORTH DAKOTA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	3	ONLY AN F CODE	21		
ONLY CORROSIVE	6	ONLY A K CODE	3		
ONLY REACTIVE	0	ONLY A P CODE	1		
ONLY D004-17	224	ONLY A U CODE	0		
ONLY D018-43	22				
HAS MORE THAN ONE CHARACTERISTIC CODE	1,904	HAS MORE THAN ONE LISTED CODE	155		
TOTAL	2,159	TOTAL	180	Both Characteristic and Listed	336

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	611			IGN. W/ AT LEAST 1 LSTD	207
HAS CORROSIVE CODE	1,271			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	874			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	1,031			D004-17 W/ AT LEAST 1 LSTD	179
HAS D018-D043 CODE	629			D018-43 W/ AT LEAST 1 LSTD	205
		HAS AN F CODE	155	F WASTE W/ AT LEAST 1 CHAR	332
		HAS A K CODE	155	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	33
TOTAL	1,904	TOTAL	155	TOTAL	336

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

NORTH DAKOTA**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 7

7 Quantity of RCRA Hazardous Waste Managed: 504 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	NDD006175467	AMOCO OIL CO - MANDAN REFINERY	MANDAN	354
2	NDD982591794	WASTE RECOVERY SERVICES INC	BELFIELD	85
3	NDD000690594	DAKOTA GASIFICATION COMPANY	BEULAH	65
Total				504

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

NORTH DAKOTA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER RECOVERY	M031-M039	354	70.2	1	33.3
ENERGY RECOVERY	M051-M059	4	0.7	1	33.3
FUEL BLENDING	M061	85	16.8	1	33.3
STABILIZATION	M111-M119	62	12.2	1	33.3
		504	100.0	3	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER RECOVERY	M031-M039	354	70.2	1	33.3
FUEL BLENDING	M061	85	16.8	1	33.3
STABILIZATION	M111-M119	62	12.2	1	33.3
ENERGY RECOVERY	M051-M059	4	0.7	1	33.3
		504	100.0	3	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER RECOVERY	M031-M039	354	70.2	1	33.3
ENERGY RECOVERY	M051-M059	4	0.7	1	33.3
FUEL BLENDING	M061	85	16.8	1	33.3
STABILIZATION	M111-M119	62	12.2	1	33.3
		504	100.0	3	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NORTH DAKOTA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 15

13 Quantity of RCRA Hazardous Waste Shipped: 2,285 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	NDD006175467	AMOCO OIL CO - MANDAN REFINERY	MANDAN	1,130
2	NDD000716738	SAFETY-KLEEN SYSTEMS - FARGO	FARGO	354
3	NDD980957070	SAFETY-KLEEN SYSTEMS - BISMARCK	BISMARCK	272
4	NDD982591794	WASTE RECOVERY SERVICES INC	BELFIELD	147
5	NDD053426565	TRW - LUCAS AEROSPACE	JAMESTOWN	78
6	NDD167721265	HEALTH CARE INCINERATORS	FARGO	71
7	NDD084497775	IMATION CORPORATION	WAHPETON	44
8	NDD051439743	INDUSTRIAL PLATING CORPORATION	WAHPETON	42
9	ND0000479071	MOTOR COACH IND - PAINT SHOP	PEMBINA	33
10	NDD986267938	TECTON PRODUCTS, LLC	FARGO	29
11	ND4571924758	MINOT AIR FORCE BASE	MINOT	23
12	NDD031875719	WIL-RICH, A DIVISION OF TIC UNITED CORP.	WAHPETON	22
13	NDD990872590	CASE CORPORATION	FARGO	15
14	ND3571924759	GRAND FORKS AIR FORCE BASE	GRAND FORKS	13
15	NDD099790818	TURTLE MOUNTAIN MFG. CO	BELCOURT	10
Total				2,285

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

NORTH DAKOTA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 4

16 Quantity of RCRA Hazardous Waste Received: 602 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	NDD000716738	SAFETY-KLEEN SYSTEMS - FARGO	FARGO	277
2	NDD980957070	SAFETY-KLEEN SYSTEMS - BISMARCK	BISMARCK	228
3	NDD982591794	WASTE RECOVERY SERVICES INC	BELFIELD	97
4	ND4571924758	MINOT AIR FORCE BASE	MINOT	1
Total				602

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

NORTH DAKOTA**1999 WASTE RECEIPTS, CONTINUED****18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	85	100.0	1	100.0
		85	100.0	1	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	85	100.0	1	100.0
		85	100.0	1	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	85	100.0	1	100.0
		85	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

NORTH DAKOTA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 267 Tons

22 Quantity of RCRA Hazardous Waste Exported: 2,282 Tons

OHIO

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 1,181
- 2 Quantity of RCRA Hazardous Waste Generated: 1,644,029 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	OHD042157644	BP CHEMICALS INC	LIMA	900,881
2	OHD004234480	AK STEEL CORPORATION MIDDLETOWN WORKS	MIDDLETOWN	105,597
3	OHD005048947	SYSTECH ENVIRONMENTAL CORP	PAULDING	98,299
4	OHD093945293	ONYX ENVIRONMENTAL SERVICES, L.L.C.	WEST CARROLLTON	57,306
5	OHD004254132	CHEVRON PRODUCTS COMPANY	HOOVEN	54,520
6	OHD004228003	REPUBLIC TECHNOLOGIES INTL	CANTON	30,513
7	OHD005108477	ARISTECH CHEMICAL CORPORATION	HAVERTHILL	29,898
8	OHR000002279	NORTH STAR BHP STEEL LLC	DELTA	20,095
9	OHD980613541	VON ROLL AMERICA, INC.	EAST LIVERPOOL	19,887
10	OHD004157418	AK STEEL MANSFIELD OPERATIONS	MANSFIELD	18,797
11	OHD004281598	AK STEEL CORP., ZANESVILLE WORKS	ZANESVILLE	15,276
12	OHD001926740	HUKILL CHEMICAL CORPORATION	BEDFORD	14,777
13	OHD004465100	TIMKEN COMPANY	CANTON	14,337
14	OHD048415665	ROSS INCINERATION SERVICES INC	GRAFTON	12,524
15	OHD980587364	SAFETY-KLEEN SYSTEMS INC.	HEBRON	10,071
16	OHD020273819	WASTE MANAGEMENT OF OHIO INC	VICKERY	8,797
17	OHD004172623	LUBRIZOL CORPORATION	PAINESVILLE	7,511
18	OHD980897656	CHEMICAL SOLVENTS INC.	CLEVELAND	7,181
19	OHD981096910	ALLIED/IRONTON COKE PLANT SUPERFUND SITE	IRONTON	7,061
20	OHD083377010	ENVIRONMENTAL ENTERPRISES INC	CINCINNATI	7,011
21	OHD032271975	MARION STEEL COMPANY	MARION	6,355
22	OHR000007773	CSC LTD	WARREN	5,924
23	OHD016077802	NORTH STAR STEEL OHIO	YOUNGSTOWN	5,574
24	OHD004341509	CYTEC INDUSTRIES INC	MARIETTA	5,348
25	OHD048782049	MIDWEST GUARDIAN INC.	WAPAKONETA	5,005
26	OHD076796887	BASF CORPORATION	GREENVILLE	4,693
27	OHD066060609	CHEMTRON CORP.	AVON	4,646
28	OHD004304689	PPG INDUSTRIES OHIO, INC.	CIRCLEVILLE	4,299
29	OHD990834483	SCOTTS COMPANY THE	MARYSVILLE	4,285
30	OHD046430328	SHERWIN-WILLIAMS CO COLUMBUS PLANT	COLUMBUS	3,731
31	OHD005057542	BP OIL CO - TOLEDO REFINERY	OREGON	3,703
32	OHT400010815	TECHNEGLAS INC	COLUMBUS	3,287
33	OHD048107049	MARATHON ASHLAND PETROLEUM CANTON REF	CANTON	3,144
34	OHR000032151	CLARK LIMA REFINERY	LIMA	2,666
35	OHD005038328	OHIO PICKLING AND PROCESSING	TOLEDO	2,503
36	OHD005041843	DUPONT AP TOLEDO PLANT	TOLEDO	2,308
37	OHD043730217	HONEYWELL INTERNATIONAL INC.	IRONTON	2,270
38	OHD005039334	INTERSIL CORPORATION	FINDLAY	2,217
39	OHD043736644	THOMSON CONSUMER ELECTRONICS INC	CIRCLEVILLE	2,215
40	OHD004460143	PPG INDUSTRIES OHIO, INC.	CLEVELAND	2,084
41	OHR000031971	XXKEM LEACHATE EXTRACTION SYSTEM	TOLEDO	2,042
42	OHD980793301	ASHTA CHEMICALS INC	ASHTABULA	1,999
43	OHD987054657	AKZO NOBEL FUNCTIONAL CHEMICALS INC.	LIMA	1,971
44	OHD980571947	MSC WALBRIDGE COATINGS	WALBRIDGE	1,854
45	OHD095341178	SHERWIN WILLIAMS	BEDFORD HEIGHTS	1,814
46	OHD004347308	PPG INDUSTRIES OHIO, INC.	DELAWARE	1,807
47	OHD004255410	DELPHI CHASSIS SYSTEMS	KETTERING	1,774
48	OHD083320945	REILLY INDUSTRIES INC	CLEVELAND	1,742
49	OHD043638691	TRINITY INDUSTRIES INC	LIMA	1,723
50	OHD004282976	YENKIN-MAJESTIC PAINT CORP	COLUMBUS	1,674
Total				1,534,993

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

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OHIO

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	12,029	ONLY AN F CODE	16,856		
ONLY CORROSIVE	55,742	ONLY A K CODE	933,721		
ONLY REACTIVE	32	ONLY A P CODE	5		
ONLY D004-17	46,095	ONLY A U CODE	789		
ONLY D018-43	8,253				
HAS MORE THAN ONE CHARACTERISTIC CODE	32,954	HAS MORE THAN ONE LISTED CODE	21,823		
TOTAL	155,105	TOTAL	973,195	Both Characteristic and Listed	515,729

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	22,694			IGN. W/ AT LEAST 1 LSTD	275,863
HAS CORROSIVE CODE	10,464			CORR. W/ AT LEAST 1 LSTD	228,449
HAS REACTIVE CODE	1,282			REACT. W/ AT LEAST 1 LSTD	23,033
HAS D004-D017 CODE	13,466			D004-17 W/ AT LEAST 1 LSTD	304,854
HAS D018-D043 CODE	22,008			D018-43 W/ AT LEAST 1 LSTD	349,610
		HAS AN F CODE	5,136	F WASTE W/ AT LEAST 1 CHAR	347,795
		HAS A K CODE	21,782	K WASTE W/ AT LEAST 1 CHAR	404,927
		HAS A P CODE	16,702	P WASTE W/ AT LEAST 1 CHAR	35,701
		HAS A U CODE	16,724	U WASTE W/ AT LEAST 1 CHAR	220,915
TOTAL	32,954	TOTAL	21,823	TOTAL	515,729

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

OHIO

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 49

7 Quantity of RCRA Hazardous Waste Managed: 1,652,870 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	OHD042157644	BP CHEMICALS INC	LIMA	900,770
2	OHD045243706	ENVIROSAFE SERVICES OF OHIO INC	OREGON	174,198
3	OHD020273819	WASTE MANAGEMENT OF OHIO INC	VICKERY	136,615
4	OHD987048733	LAFARGE CORPORATION	PAULDING	98,278
5	OHD005048947	SYSTECH ENVIRONMENTAL CORP	PAULDING	88,394
6	OHD048415665	ROSS INCINERATION SERVICES INC	GRAFTON	60,840
7	OHD980613541	VON ROLL AMERICA, INC.	EAST LIVERPOOL	41,571
8	OHD980587364	SAFETY-KLEEN SYSTEMS INC.	HEBRON	32,295
9	OHD093945293	ONYX ENVIRONMENTAL SERVICES, L.L.C.	WEST CARROLLTON	29,228
10	OHD005108477	ARISTECH CHEMICAL CORPORATION	HAVERTHILL	29,193
11	OHD001926740	HUKILL CHEMICAL CORPORATION	BEDFORD	25,940
12	OHD980897656	CHEMICAL SOLVENTS INC.	CLEVELAND	11,124
13	OHD004172623	LUBRIZOL CORPORATION	PAINESVILLE	6,081
14	OHD000816629	SPRING GROVE RESOURCE RECOVERY INC	CINCINNATI	4,883
15	OHD066060609	CHEMTRON CORP.	AVON	4,659
16	OHD055522429	REPUBLIC ENVIRONMENTAL SYSTEMS INC	BEDFORD	4,093
17	OHD004304689	PPG INDUSTRIES OHIO, INC.	CIRCLEVILLE	2,285
18	OHD083377010	ENVIRONMENTAL ENTERPRISES INC	CINCINNATI	2,117
19	OHD004233003	BAYER CORPORATION - POLYMERS DIVISION	ADDYSTON	223
20	OHD039128913	DOW CHEMICAL CO HANGING ROCK PLANT	IRONTON	53
21	OHD046202602	AZTEC PEROXIDES INC.	ELYRIA	29
Total				1,652,870

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

OHIO

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	76	0.0	2	9.5
SOLVENTS RECOVERY	M021-M029	58,788	3.6	6	28.6
INCINERATION	M041-M049	112,132	6.8	6	28.6
ENERGY RECOVERY	M051-M059	29,357	1.8	3	14.3
FUEL BLENDING	M061	237,753	14.4	10	47.6
STABILIZATION	M111-M119	4,506	0.3	2	9.5
LANDFILL	M132	174,198	10.5	1	4.8
DEEPWELL / UNDERGROUND INJECTION	M134	1,036,059	62.7	2	9.5
		1,652,870	100.0	21	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
DEEPWELL / UNDERGROUND INJECTION	M134	1,036,059	62.7	2	9.5
FUEL BLENDING	M061	237,753	14.4	10	47.6
LANDFILL	M132	174,198	10.5	1	4.8
INCINERATION	M041-M049	112,132	6.8	6	28.6
SOLVENTS RECOVERY	M021-M029	58,788	3.6	6	28.6
ENERGY RECOVERY	M051-M059	29,357	1.8	3	14.3
STABILIZATION	M111-M119	4,506	0.3	2	9.5
METALS RECOVERY	M011-M019	76	0.0	2	9.5
		1,652,870	100.0	21	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	237,753	14.4	10	47.6
SOLVENTS RECOVERY	M021-M029	58,788	3.6	6	28.6
INCINERATION	M041-M049	112,132	6.8	6	28.6
ENERGY RECOVERY	M051-M059	29,357	1.8	3	14.3
METALS RECOVERY	M011-M019	76	0.0	2	9.5
STABILIZATION	M111-M119	4,506	0.3	2	9.5
DEEPWELL / UNDERGROUND INJECTION	M134	1,036,059	62.7	2	9.5
LANDFILL	M132	174,198	10.5	1	4.8
		1,652,870	100.0	21	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

OHIO

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 1,082

13 Quantity of RCRA Hazardous Waste Shipped: 614,064 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	OHD005048947	SYSTECH ENVIRONMENTAL CORP	PAULDING	98,299
2	OHD004254132	CHEVRON PRODUCTS COMPANY	HOOVEN	54,520
3	OHD093945293	ONYX ENVIRONMENTAL SERVICES, L.L.C.	WEST CARROLLTON	33,845
4	OHD004228003	REPUBLIC TECHNOLOGIES INTL	CANTON	30,513
5	OHD000816629	SPRING GROVE RESOURCE RECOVERY INC	CINCINNATI	27,268
6	OHR000002279	NORTH STAR BHP STEEL LLC	DELTA	20,095
7	OHD980613541	VON ROLL AMERICA, INC.	EAST LIVERPOOL	19,660
8	OHD004157418	AK STEEL MANSFIELD OPERATIONS	MANSFIELD	18,797
9	OHD001926740	HUKILL CHEMICAL CORPORATION	BEDFORD	16,735
10	OHD004281598	AK STEEL CORP., ZANESVILLE WORKS	ZANESVILLE	15,276
11	OHD004465100	TIMKEN COMPANY	CANTON	14,337
12	OHD048415665	ROSS INCINERATION SERVICES INC	GRAFTON	11,919
13	OHD066060609	CHEMTRON CORP.	AVON	10,082
14	OHD980587364	SAFETY-KLEEN SYSTEMS INC.	HEBRON	10,014
15	OHD083377010	ENVIRONMENTAL ENTERPRISES INC	CINCINNATI	8,436
16	OHD980897656	CHEMICAL SOLVENTS INC.	CLEVELAND	7,818
17	OHD981096910	ALLIED/IRONTON COKE PLANT SUPERFUND SITE	IRONTON	7,061
18	OHD032271975	MARION STEEL COMPANY	MARION	6,355
19	OHR000007773	CSC LTD	WARREN	5,914
20	OHD016077802	NORTH STAR STEEL OHIO	YOUNGSTOWN	5,574
21	OHD004341509	CYTEC INDUSTRIES INC	MARIETTA	5,348
22	OHD048782049	MIDWEST GUARDIAN INC.	WAPAKONETA	5,005
23	OHD076796887	BASF CORPORATION	GREENVILLE	4,693
24	OHD004274031	PERMA-FIX OF DAYTON, INC.	DAYTON	4,522
25	OHD990834483	SCOTTS COMPANY THE	MARYSVILLE	4,285
26	OHD987054657	AKZO NOBEL FUNCTIONAL CHEMICALS INC.	LIMA	3,809
27	OHD046430328	SHERWIN-WILLIAMS CO COLUMBUS PLANT	COLUMBUS	3,731
28	OHD005057542	BP OIL CO - TOLEDO REFINERY	OREGON	3,703
29	OHD020273819	WASTE MANAGEMENT OF OHIO INC	VICKERY	3,572
30	OHT400010815	TECHNEGLAS INC	COLUMBUS	3,287
31	OHD048107049	MARATHON ASHLAND PETROLEUM CANTON REF	CANTON	3,009
32	OHR000032151	CLARK LIMA REFINERY	LIMA	2,581
33	OHD005038328	OHIO PICKLING AND PROCESSING	TOLEDO	2,503
34	OHD005041843	DUPONT AP TOLEDO PLANT	TOLEDO	2,308
35	OHD043730217	HONEYWELL INTERNATIONAL INC.	IRONTON	2,270
36	OHD005039334	INTERSIL CORPORATION	FINDLAY	2,217
37	OHD043736644	THOMSON CONSUMER ELECTRONICS INC	CIRCLEVILLE	2,215
38	OHD004234480	AK STEEL CORPORATION MIDDLETOWN WORKS	MIDDLETOWN	2,115
39	OHD004304689	PPG INDUSTRIES OHIO, INC.	CIRCLEVILLE	2,090
40	OHD004460143	PPG INDUSTRIES OHIO, INC.	CLEVELAND	2,054
41	OHR000031971	XXKEM LEACHATE EXTRACTION SYSTEM	TOLEDO	2,042
42	OHD980568992	ENVIRITE OF OHIO, INC.	CANTON	2,031
43	OHD980793301	ASHTA CHEMICALS INC	ASHTABULA	1,999
44	OHD980571947	MSC WALBRIDGE COATINGS	WALBRIDGE	1,854
45	OHD095341178	SHERWIN WILLIAMS	BEDFORD HEIGHTS	1,814
46	OHD004347308	PPG INDUSTRIES OHIO, INC.	DELAWARE	1,807
47	OHD004255410	DELPHI CHASSIS SYSTEMS	KETTERING	1,783
48	OHD083320945	REILLY INDUSTRIES INC	CLEVELAND	1,742
49	OHD043638691	TRINITY INDUSTRIES INC	LIMA	1,723
50	OHD004282976	YENKIN-MAJESTIC PAINT CORP	COLUMBUS	1,674
Total				506,304

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

OHIO

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 20
- 16 Quantity of RCRA Hazardous Waste Received: 726,312 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	OHD045243706	ENVIROSAFE SERVICES OF OHIO INC	OREGON	173,904
2	OHD020273819	WASTE MANAGEMENT OF OHIO INC	VICKERY	131,418
3	OHD987048733	LAFARGE CORPORATION	PAULDING	98,278
4	OHD005048947	SYSTECH ENVIRONMENTAL CORP	PAULDING	88,394
5	OHD048415665	ROSS INCINERATION SERVICES INC	GRAFTON	60,254
6	OHD980613541	VON ROLL AMERICA, INC.	EAST LIVERPOOL	41,500
7	OHD980587364	SAFETY-KLEEN SYSTEMS INC.	HEBRON	32,375
8	OHD093945293	ONYX ENVIRONMENTAL SERVICES, L.L.C.	WEST CARROLLTON	31,358
9	OHD001926740	HUKILL CHEMICAL CORPORATION	BEDFORD	27,020
10	OHD980897656	CHEMICAL SOLVENTS INC.	CLEVELAND	11,865
11	OHD066060609	CHEMTRON CORP.	AVON	10,653
12	OHD000816629	SPRING GROVE RESOURCE RECOVERY INC	CINCINNATI	8,188
13	OHD055522429	REPUBLIC ENVIRONMENTAL SYSTEMS INC	BEDFORD	4,806
14	OHD083377010	ENVIRONMENTAL ENTERPRISES INC	CINCINNATI	3,699
15	OHD004274031	PERMA-FIX OF DAYTON, INC.	DAYTON	1,499
16	OHD980568992	ENVIRITE OF OHIO, INC.	CANTON	640
17	OHD980821862	KLOR KLEEN INC.	CINCINNATI	424
18	OHD080158702	DETREX CORPORATION - EC & ES DIVISION	EUCLID	28
19	OHD000817346	DELPHI PACKARD ELECTRIC SYSTEMS	WARREN	8
20	OH7571724312	DEPARTMENT OF THE AIR FORCE BASE AREA B	WRIGHT PATTERSON AFB	1
Total				726,312

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

OHIO

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	76	0.0	2	14.3
SOLVENTS RECOVERY	M021-M029	58,676	8.3	5	35.7
INCINERATION	M041-M049	101,754	14.4	2	14.3
FUEL BLENDING	M061	236,871	33.5	10	71.4
STABILIZATION	M111-M119	4,446	0.6	2	14.3
LANDFILL	M132	173,904	24.6	1	7.1
DEEPWELL / UNDERGROUND INJECTION	M134	131,418	18.6	1	7.1
		707,147	100.0	14	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	236,871	33.5	10	71.4
LANDFILL	M132	173,904	24.6	1	7.1
DEEPWELL / UNDERGROUND INJECTION	M134	131,418	18.6	1	7.1
INCINERATION	M041-M049	101,754	14.4	2	14.3
SOLVENTS RECOVERY	M021-M029	58,676	8.3	5	35.7
STABILIZATION	M111-M119	4,446	0.6	2	14.3
METALS RECOVERY	M011-M019	76	0.0	2	14.3
		707,147	100.0	14	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	236,871	33.5	10	71.4
SOLVENTS RECOVERY	M021-M029	58,676	8.3	5	35.7
METALS RECOVERY	M011-M019	76	0.0	2	14.3
INCINERATION	M041-M049	101,754	14.4	2	14.3
STABILIZATION	M111-M119	4,446	0.6	2	14.3
LANDFILL	M132	173,904	24.6	1	7.1
DEEPWELL / UNDERGROUND INJECTION	M134	131,418	18.6	1	7.1
		707,147	100.0	14	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

OHIO

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 420,962 Tons

22 Quantity of RCRA Hazardous Waste Exported: 339,840 Tons

OKLAHOMA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 147
- 2 Quantity of RCRA Hazardous Waste Generated: 417,460 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	OKD000829440	ZINC CORPORATION OF AMERICA	BARTLESVILLE	375,265
2	OKD007219181	SHEFFIELD STEEL CORPORATION	SAND SPRINGS	7,164
3	OK1571724391	U.S. TINKER AIR FORCE BASE	TINKER AFB	4,532
4	OKD058078775	SUNCO, INC (R&M)	TULSA	3,655
5	OKD089761290	GREENWAY ENVIRONMENTAL INC	HASKELL	3,560
6	OKD072424104	BAKER PETROLITE	SAND SPRINGS	3,487
7	OK6213822798	U.S. ARMY MCALESTER AMMUNITION PLANT	MCALESTER	3,344
8	OKD007218167	NORTH AMERICAN GALVANIZING - TULSA #1	TULSA	1,601
9	OKD065436180	NATIONAL STANDARD COMPANY	STILLWATER	1,439
10	OKD000815001	NORTH AMERICAN GALVANIZING -TULSA #2	TULSA	1,303
11	OKD007158454	EAGLE-PITCHER TECH LLC (EOM)	QUAPAW	1,207
12	OKD082565714	GENERAL MOTORS OKC	OKLAHOMA CITY	953
13	OKD007233836	CONOCO INC. PONCA CITY REFINERY/SITE	PONCA CITY	834
14	OKD099714354	OKLAHOMA STEEL & WIRE CO. INC	MADILL	708
15	OKD079986568	XEROX CORP. OKC MANUFACTURING SITE	YUKON	608
16	OKD007188097	SOUTHWESTERN WIRE, INC.	NORMAN	538
17	OKD990696890	CAMROSE TECHNOLOGIES L.L.C.	ADA	490
18	OKD020721098	DELTA FAUCET OF OKLAHOMA	CHICKASHA	484
19	OKR410010797	REINFORCING SERVICES, INC.	CATOOSA	434
20	OKD057705972	TPI PETROLEUM, INC.	ARDMORE	330
21	OKD032963530	MADEWELL & MADEWELL, INC.	JONES	273
22	OKD062267448	IMATION ENTERPRISES CORP.	WEATHERFORD	262
23	OKD001824564	AMERICAN AIRLINES M & E	TULSA	256
24	OKD062885975	JULIAN LUMBER COMPANY, INC.	ANTLERS	240
25	OKD043440999	ARMSTRONG WORLD INDUSTRIES, INC.	STILLWATER	238
26	OKD000803601	PHILLIPS RESEARCH CENTER	BARTLESVILLE	232
27	OKD987095304	BRENT INDUSTRIES, INC.	BARTLESVILLE	197
28	OKD981059058	CENTRAL MACHINE AND TOOL COMPANY	ENID	181
29	OKD094029063	KWIKSET CORPORATION	BRISTOW	176
30	OKD007192719	ALLIED MATERIALS CORPORATION	STROUD	148
31	OKD096646666	HILTI INC.	TULSA	147
32	OKR000004150	QUALITY FINISHING, INC.	MCALESTER	125
33	OKD007222805	OWENS-BROCKWAY GC - PLANT #3	MUSKOGEE	122
34	OKD007220262	BOEING	TULSA	114
35	OKD980864052	NORDAM REPAIR DIVISION	TULSA	111
36	OKD980877856	DANA CORPORATION	VINITA	109
37	OKD987072006	NORIT AMERICAS INC	PRYOR	95
38	OKD096141098	BTR SEALING SYSTEMS	FREDERICK	92
39	OKD004998225	OKMULGEE REFINERY	OKMULGEE	90
40	OKD987085859	LMI FINISHING, INC.	TULSA	86
41	OKD987087913	HARDAGE-CRINER SUPERFUND SITE	LINDSAY	85
42	OKD055943286	GRAPHIC ELECTRONICS, INC.	TULSA	77
43	OK4213720846	U.S. ARMY FT. SILL	FORT SILL	76
44	OKD981144199	AAR AIRCRAFT SERVICES OKLAHOMA	OKLAHOMA CITY	76
45	OKD981597917	HONEYWELL INTERNATIONAL - LORI INC.	TULSA	75
46	OKD982560609	GULFSTREAM AEROSPACE	BETHANY	72
47	OKD990751059	ZAPATA INDUSTRIES	MUSKOGEE	66
48	OKD000632737	SAFETY-KLEEN (TULSA) INC. [HRI]	TULSA	65
49	OK9571824045	US ALTUS AIR FORCE BASE	ALTUS AFB	61
50	OKD074294612	MERCUISER	STILLWATER	61
Total				415,943

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

OKLAHOMA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	2,458	ONLY AN F CODE	4,723		
ONLY CORROSIVE	241	ONLY A K CODE	8,724		
ONLY REACTIVE	3,335	ONLY A P CODE	2		
ONLY D004-17	377,082	ONLY A U CODE	23		
ONLY D018-43	76				
HAS MORE THAN ONE CHARACTERISTIC CODE	8,252	HAS MORE THAN ONE LISTED CODE	232		
TOTAL	391,444	TOTAL	13,704	Both Characteristic and Listed	12,308

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	3,620			IGN. W/ AT LEAST 1 LSTD	9,653
HAS CORROSIVE CODE	4,552			CORR. W/ AT LEAST 1 LSTD	3,387
HAS REACTIVE CODE	2			REACT. W/ AT LEAST 1 LSTD	521
HAS D004-D017 CODE	5,576			D004-17 W/ AT LEAST 1 LSTD	7,254
HAS D018-D043 CODE	4,104			D018-43 W/ AT LEAST 1 LSTD	8,129
		HAS AN F CODE	232	F WASTE W/ AT LEAST 1 CHAR	10,690
		HAS A K CODE	232	K WASTE W/ AT LEAST 1 CHAR	4,036
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	240
		HAS A U CODE	50	U WASTE W/ AT LEAST 1 CHAR	3,547
TOTAL	8,252	TOTAL	232	TOTAL	12,308

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

OKLAHOMA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 30

7 Quantity of RCRA Hazardous Waste Managed: 485,193 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	OKD000829440	ZINC CORPORATION OF AMERICA	BARTLESVILLE	374,683
2	OKD065438376	SAFETY-KLEEN, LONE MOUNTAIN	WAYNOKA	95,358
3	OKD000402396	PERMA-FIX TREATMENT SERVICES	TULSA	5,772
4	OKD089761290	GREENWAY ENVIRONMENTAL INC	HASKELL	5,100
5	OK6213822798	U.S. ARMY MCALESTER AMMUNITION PLANT	MCALESTER	3,330
6	OKD987072006	NORIT AMERICAS INC	PRYOR	761
7	OKD007158454	EAGLE-PITCHER TECH LLC (EOM)	QUAPAW	187
8	OKD007194475	KIMRAY INC.	OKLAHOMA CITY	1
9	OKR000002741	MIDWEST TROPHY MFG. CO. INC.	DEL CITY	1
Total				485,193

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

OKLAHOMA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	11.1
SOLVENTS RECOVERY	M021-M029	92	0.0	2	22.2
OTHER RECOVERY	M031-M039	762	0.2	2	22.2
INCINERATION	M041-M049	19	0.0	1	11.1
FUEL BLENDING	M061	8,163	1.7	2	22.2
SLUDGE TREATMENT	M101-M109	16	0.0	1	11.1
STABILIZATION	M111-M119	51,248	10.6	3	33.3
LANDFILL	M132	46,793	9.6	2	22.2
DEEPWELL / UNDERGROUND INJECTION	M134	374,769	77.2	2	22.2
OTHER DISPOSAL	M137	3,330	0.7	1	11.1
		485,193	100.0	9	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
DEEPWELL / UNDERGROUND INJECTION	M134	374,769	77.2	2	22.2
STABILIZATION	M111-M119	51,248	10.6	3	33.3
LANDFILL	M132	46,793	9.6	2	22.2
FUEL BLENDING	M061	8,163	1.7	2	22.2
OTHER DISPOSAL	M137	3,330	0.7	1	11.1
OTHER RECOVERY	M031-M039	762	0.2	2	22.2
SOLVENTS RECOVERY	M021-M029	92	0.0	2	22.2
INCINERATION	M041-M049	19	0.0	1	11.1
SLUDGE TREATMENT	M101-M109	16	0.0	1	11.1
METALS RECOVERY	M011-M019	0	0.0	1	11.1
		485,193	100.0	9	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	51,248	10.6	3	33.3
SOLVENTS RECOVERY	M021-M029	92	0.0	2	22.2
OTHER RECOVERY	M031-M039	762	0.2	2	22.2
FUEL BLENDING	M061	8,163	1.7	2	22.2
LANDFILL	M132	46,793	9.6	2	22.2
DEEPWELL / UNDERGROUND INJECTION	M134	374,769	77.2	2	22.2
METALS RECOVERY	M011-M019	0	0.0	1	11.1
INCINERATION	M041-M049	19	0.0	1	11.1
SLUDGE TREATMENT	M101-M109	16	0.0	1	11.1
OTHER DISPOSAL	M137	3,330	0.7	1	11.1
		485,193	100.0	9	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

OKLAHOMA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 140

13 Quantity of RCRA Hazardous Waste Shipped: 42,048 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	OKD007219181	SHEFFIELD STEEL CORPORATION	SAND SPRINGS	7,164
2	OKD089761290	GREENWAY ENVIRONMENTAL INC	HASKELL	5,574
3	OK1571724391	U.S. TINKER AIR FORCE BASE	TINKER AFB	4,532
4	OKD058078775	SUNCO, INC (R&M)	TULSA	3,655
5	OKD072424104	BAKER PETROLITE	SAND SPRINGS	3,537
6	OKD065436180	NATIONAL STANDARD COMPANY	STILLWATER	1,432
7	OKD980878474	SAFETY-KLEEN (WHEATLAND)	OKLAHOMA CITY	1,351
8	OKD007158454	EAGLE-PITCHER TECH LLC (EOM)	QUAPAW	1,207
9	OKD082565714	GENERAL MOTORS OKC	OKLAHOMA CITY	953
10	OKD000763821	SAFETY-KLEEN (TULSA)	TULSA	861
11	OKD007233836	CONOCO INC. PONCA CITY REFINERY/SITE	PONCA CITY	834
12	OKD099714354	OKLAHOMA STEEL & WIRE CO. INC	MADILL	708
13	OKD000402396	PERMA-FIX TREATMENT SERVICES	TULSA	655
14	OKD000815001	NORTH AMERICAN GALVANIZING -TULSA #2	TULSA	637
15	OKD079986568	XEROX CORP. OKC MANUFACTURING SITE	YUKON	608
16	OKD000829440	ZINC CORPORATION OF AMERICA	BARTLESVILLE	583
17	OKD007188097	SOUTHWESTERN WIRE, INC.	NORMAN	538
18	OKD990696890	CAMROSE TECHNOLOGIES L.L.C.	ADA	490
19	OKD020721098	DELTA FAUCET OF OKLAHOMA	CHICKASHA	482
20	OKR410010797	REINFORCING SERVICES, INC.	CATOOSA	434
21	OKD032963530	MADEWELL & MADEWELL, INC.	JONES	375
22	OKD057705972	TPI PETROLEUM, INC.	ARDMORE	330
23	OKD062267448	IMATION ENTERPRISES CORP.	WEATHERFORD	261
24	OKD062885975	JULIAN LUMBER COMPANY, INC.	ANTLERS	240
25	OKD000803601	PHILLIPS RESEARCH CENTER	BARTLESVILLE	228
26	OKD001824564	AMERICAN AIRLINES M & E	TULSA	207
27	OKD987095304	BRENT INDUSTRIES, INC.	BARTLESVILLE	197
28	OKR000004150	QUALITY FINISHING, INC.	MCALESTER	187
29	OKD094029063	KWIKSET CORPORATION	BRISTOW	176
30	OKD007192719	ALLIED MATERIALS CORPORATION	STROUD	148
31	OKD096646666	HILTI INC.	TULSA	147
32	OKD981059058	CENTRAL MACHINE AND TOOL COMPANY	ENID	143
33	OKD007222805	OWENS-BROCKWAY GC - PLANT #3	MUSKOGEE	122
34	OKD043440999	ARMSTRONG WORLD INDUSTRIES, INC.	STILLWATER	117
35	OKD007220262	BOEING	TULSA	114
36	OKD980877856	DANA CORPORATION	VINITA	109
37	OKD980864052	NORDAM REPAIR DIVISION	TULSA	105
38	OKD004998225	OKMULGEE REFINERY	OKMULGEE	90
39	OKD987085859	LMI FINISHING, INC.	TULSA	85
40	OKD987087913	HARDAGE-CRINER SUPERFUND SITE	LINDSAY	85
41	OKD055943286	GRAPHIC ELECTRONICS, INC.	TULSA	77
42	OK4213720846	U.S. ARMY FT. SILL	FORT SILL	76
43	OKD981144199	AAR AIRCRAFT SERVICES OKLAHOMA	OKLAHOMA CITY	76
44	OKD981597917	HONEYWELL INTERNATIONAL - LORI INC.	TULSA	75
45	OKD987072006	NORIT AMERICAS INC	PRYOR	72
46	OKD982560609	GULFSTREAM AEROSPACE	BETHANY	72
47	OKD982293334	ENVIRONMENTAL MANAGEMENT INC.	GUTHRIE	71
48	OKD096141098	BTR SEALING SYSTEMS	FREDERICK	69
49	OKD990751059	ZAPATA INDUSTRIES	MUSKOGEE	66
50	OKD000632737	SAFETY-KLEEN (TULSA) INC. [HRI]	TULSA	65
Total				40,419

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

OKLAHOMA

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 8
- 16 Quantity of RCRA Hazardous Waste Received: 108,035 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	OKD065438376	SAFETY-KLEEN, LONE MOUNTAIN	WAYNOKA	95,344
2	OKD000402396	PERMA-FIX TREATMENT SERVICES	TULSA	5,429
3	OKD089761290	GREENWAY ENVIRONMENTAL INC	HASKELL	5,147
4	OKD987072006	NORIT AMERICAS INC	PRYOR	738
5	OKD980878474	SAFETY-KLEEN (WHEATLAND)	OKLAHOMA CITY	694
6	OKD000763821	SAFETY-KLEEN (TULSA)	TULSA	680
7	OKD000803601	PHILLIPS RESEARCH CENTER	BARTLESVILLE	2
8	OK6213822798	U.S. ARMY MCALESTER AMMUNITION PLANT	MCALESTER	0
Total				108,035

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

OKLAHOMA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	20.0
SOLVENTS RECOVERY	M021-M029	91	0.1	1	20.0
OTHER RECOVERY	M031-M039	738	0.7	1	20.0
INCINERATION	M041-M049	19	0.0	1	20.0
FUEL BLENDING	M061	7,734	7.3	2	40.0
SLUDGE TREATMENT	M101-M109	16	0.0	1	20.0
STABILIZATION	M111-M119	51,045	47.9	2	40.0
LANDFILL	M132	46,793	43.9	2	40.0
DEEPWELL / UNDERGROUND INJECTION	M134	87	0.1	1	20.0
OTHER DISPOSAL	M137	0	0.0	1	20.0
		106,524	100.0	5	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	51,045	47.9	2	40.0
LANDFILL	M132	46,793	43.9	2	40.0
FUEL BLENDING	M061	7,734	7.3	2	40.0
OTHER RECOVERY	M031-M039	738	0.7	1	20.0
SOLVENTS RECOVERY	M021-M029	91	0.1	1	20.0
DEEPWELL / UNDERGROUND INJECTION	M134	87	0.1	1	20.0
INCINERATION	M041-M049	19	0.0	1	20.0
SLUDGE TREATMENT	M101-M109	16	0.0	1	20.0
OTHER DISPOSAL	M137	0	0.0	1	20.0
METALS RECOVERY	M011-M019	0	0.0	1	20.0
		106,524	100.0	5	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	7,734	7.3	2	40.0
STABILIZATION	M111-M119	51,045	47.9	2	40.0
LANDFILL	M132	46,793	43.9	2	40.0
METALS RECOVERY	M011-M019	0	0.0	1	20.0
SOLVENTS RECOVERY	M021-M029	91	0.1	1	20.0
OTHER RECOVERY	M031-M039	738	0.7	1	20.0
INCINERATION	M041-M049	19	0.0	1	20.0
SLUDGE TREATMENT	M101-M109	16	0.0	1	20.0
DEEPWELL / UNDERGROUND INJECTION	M134	87	0.1	1	20.0
OTHER DISPOSAL	M137	0	0.0	1	20.0
		106,524	100.0	5	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

OKLAHOMA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 97,388 Tons

22 Quantity of RCRA Hazardous Waste Exported: 30,086 Tons

OREGON

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 208
- 2 Quantity of RCRA Hazardous Waste Generated: 81,270 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	ORD009020603	MCCORMICK & BAXTER SUPERFUND SITE	PORTLAND	33,792
2	ORD045776432	CASCADE STEEL ROLLING MILLS INC	MCMINNVILLE	12,118
3	ORD980725592	MERIX CORP	FOREST GROVE	6,249
4	ORD009106055	OREGON STEEL MILLS INC	PORTLAND	6,112
5	ORD009412677	REYNOLDS METALS COMPANY	TROUTDALE	2,321
6	ORD981764707	NORTHWEST ALUMINUM COMPANY	THE DALLES	2,319
7	ORD041265372	EASTMAN KODAK COMPANY	WHITE CITY	1,526
8	ORD044835148	ODEQ VAN OSTEN PROPERTIES SITE	BEND	1,252
9	ORD085979474	SYNTHETECH INC	ALBANY	1,165
10	ORD050955848	WAH CHANG	ALBANY	973
11	ORD009032400	J H BAXTER & CO EUGENE	EUGENE	668
12	ORQ000007641	COOS COUNTY BEAVER HILL DISPOSAL SITE	COOS BAY	655
13	ORQ000005173	HYUNDAI SEMICONDUCTOR AMERICA	EUGENE	583
14	ORD981766124	SAFETY KLEEN SYSTEMS INC 7-148-01	CLACKAMAS	501
15	ORD009022682	HMT TECHNOLOGY CORPORATION	EUGENE	486
16	ORD089452353	CHEMICAL WASTE MANAGEMENT OF THE NW	ARLINGTON	477
17	ORD009038761	OREGON METALLURGICAL CORPORATION	ALBANY	458
18	ORD009042532	TAYLOR LUMBER & TREATING INC	SHERIDAN	427
19	ORQ000012534	STANDARD BATTERY	PORTLAND	425
20	ORD009020231	TEKTRONIX INC BEAVERTON CAMPUS	BEAVERTON	407
21	ORD009027970	PCC STRUCTURALS INC LPC	PORTLAND	406
22	ORD000602110	FREIGHTLINER CORP TRUCK MFG PLANT	PORTLAND	377
23	ORD980987382	TYCO PRINTED CIRCUIT GROUP INC	WHITE CITY	374
24	ORD987195088	OHKA AMERICA INC	HILLSBORO	349
25	ORD980980353	WESTAK OF OREGON	FOREST GROVE	296
26	ORD982656076	ANODIZING INC COATING DIV	PORTLAND	287
27	ORD000773937	PCC STRUCTURALS INC SSBO	CLACKAMAS	285
28	OR0000940692	INTEGRATED DEVICE TECHNOLOGY INC	HILLSBORO	283
29	ORD982652463	LACAMAS LABORATORIES INC	PORTLAND	236
30	ORR000001008	GW INTERNATIONAL	PORTLAND	225
31	ORD054964481	BOEING OF PORTLAND	PORTLAND	197
32	ORD049376189	TYCO PRINTED CIRCUIT GROUP DALLAS DIV	DALLAS	195
33	ORD018216887	EAST SIDE PLATING INC PLANTS 1 & 3	PORTLAND	184
34	ORD987201472	MATSUSHITA ELECTRONIC MATERIALS INC	FOREST GROVE	183
35	ORD982658742	UNION PACIFIC RAILROAD	THE DALLES	180
36	ORD003991478	FREIGHTLINER CORP PORTLAND PARTS PLANT	PORTLAND	169
37	ORD091296756	SCHROCK CABINET COMPANY	HILLSBORO	159
38	ORQ000006320	ODOT COLUMBIA RIV I5 INTERSTATE BDG PROJ	PORTLAND	158
39	ORD987166204	FUJITSU MICROELECTRONICS INC	GRESHAM	138
40	ORD060591963	INTEL CORPORATION ALOHA CAMPUS	ALOHA	133
41	ORD180761934	CASCADE GENERAL INC	PORTLAND	129
42	ORD000756932	GLENBROOK OPERATIONS COMINCO LTD	RIDDLE	121
43	ORD009412602	AKZO NOBEL COATINGS INC	SALEM	119
44	ORD061483384	BARON BLAKESLEE	PORTLAND	99
45	ORR000001420	INTEL CORP RONLER ACRES	HILLSBORO	95
46	ORQ000004382	LSI LOGIC CORP	GRESHAM	95
47	ORD003992518	ELECTRONIC CONTROLS DESIGN INC	MULINO	93
48	ORQ000012872	BANK OF AMERICA C/O SEAFIRST BANK	PORTLAND	92
49	ORD009049107	EAST SIDE PLATING INC PLANT 4	PORTLAND	83
50	ORD009020470	RODDA PAINT CORPORATION	PORTLAND	82
Total				78,735

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

OREGON

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	1,685	ONLY AN F CODE	41,285		
ONLY CORROSIVE	417	ONLY A K CODE	22,844		
ONLY REACTIVE	414	ONLY A P CODE	2		
ONLY D004-17	2,803	ONLY A U CODE	15		
ONLY D018-43	113				
HAS MORE THAN ONE CHARACTERISTIC CODE	4,754	HAS MORE THAN ONE LISTED CODE	224		
TOTAL	10,184	TOTAL	64,370	Both Characteristic and Listed	6,698

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	1,684			IGN. W/ AT LEAST 1 LSTD	4,793
HAS CORROSIVE CODE	3,104			CORR. W/ AT LEAST 1 LSTD	320
HAS REACTIVE CODE	290			REACT. W/ AT LEAST 1 LSTD	31
HAS D004-D017 CODE	3,493			D004-17 W/ AT LEAST 1 LSTD	1,792
HAS D018-D043 CODE	1,467			D018-43 W/ AT LEAST 1 LSTD	2,020
		HAS AN F CODE	224	F WASTE W/ AT LEAST 1 CHAR	6,683
		HAS A K CODE	224	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	6
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	149
TOTAL	4,754	TOTAL	224	TOTAL	6,698

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

OREGON**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 6

7 Quantity of RCRA Hazardous Waste Managed: 38,874 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	ORD089452353	CHEMICAL WASTE MANAGEMENT OF THE NW	ARLINGTON	38,871
2	ORD009020231	TEKTRONIX INC BEAVERTON CAMPUS	BEAVERTON	3
Total				38,874

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

OREGON

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SLUDGE TREATMENT	M101-M109	3	0.0	1	50.0
STABILIZATION	M111-M119	10,147	26.1	1	50.0
LANDFILL	M132	24,967	64.2	1	50.0
OTHER DISPOSAL	M137	3,757	9.7	1	50.0
		38,874	100.0	2	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
LANDFILL	M132	24,967	64.2	1	50.0
STABILIZATION	M111-M119	10,147	26.1	1	50.0
OTHER DISPOSAL	M137	3,757	9.7	1	50.0
SLUDGE TREATMENT	M101-M109	3	0.0	1	50.0
		38,874	100.0	2	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SLUDGE TREATMENT	M101-M109	3	0.0	1	50.0
STABILIZATION	M111-M119	10,147	26.1	1	50.0
LANDFILL	M132	24,967	64.2	1	50.0
OTHER DISPOSAL	M137	3,757	9.7	1	50.0
		38,874	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

OREGON

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 198

13 Quantity of RCRA Hazardous Waste Shipped: 81,109 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	ORD009020603	MCCORMICK & BAXTER SUPERFUND SITE	PORTLAND	33,792
2	ORD045776432	CASCADE STEEL ROLLING MILLS INC	MCMINNVILLE	12,114
3	ORD009106055	OREGON STEEL MILLS INC	PORTLAND	6,112
4	ORD089452353	CHEMICAL WASTE MANAGEMENT OF THE NW	ARLINGTON	5,917
5	ORD980725592	MERIX CORP	FOREST GROVE	2,936
6	ORD009412677	REYNOLDS METALS COMPANY	TROUTDALE	2,321
7	ORD981764707	NORTHWEST ALUMINUM COMPANY	THE DALLES	2,318
8	ORD044835148	ODEQ VAN OSTEN PROPERTIES SITE	BEND	1,252
9	ORD085979474	SYNTHETECH INC	ALBANY	1,152
10	ORD000602110	FREIGHTLINER CORP TRUCK MFG PLANT	PORTLAND	822
11	ORD009032400	J H BAXTER & CO EUGENE	EUGENE	668
12	ORQ000007641	COOS COUNTY BEAVER HILL DISPOSAL SITE	COOS BAY	655
13	ORQ000005173	HYUNDAI SEMICONDUCTOR AMERICA	EUGENE	583
14	ORD981766124	SAFETY KLEEN SYSTEMS INC 7-148-01	CLACKAMAS	501
15	ORD009022682	HMT TECHNOLOGY CORPORATION	EUGENE	486
16	ORD009038761	OREGON METALLURGICAL CORPORATION	ALBANY	473
17	ORD041265372	EASTMAN KODAK COMPANY	WHITE CITY	441
18	ORD009042532	TAYLOR LUMBER & TREATING INC	SHERIDAN	427
19	ORQ000012534	STANDARD BATTERY	PORTLAND	425
20	ORD009020231	TEKTRONIX INC BEAVERTON CAMPUS	BEAVERTON	410
21	ORD980987382	TYCO PRINTED CIRCUIT GROUP INC	WHITE CITY	374
22	ORD987195088	OHKA AMERICA INC	HILLSBORO	349
23	ORD050955848	WAH CHANG	ALBANY	345
24	ORD982658742	UNION PACIFIC RAILROAD	THE DALLES	316
25	ORD980980353	WESTAK OF OREGON	FOREST GROVE	296
26	ORD982656076	ANODIZING INC COATING DIV	PORTLAND	287
27	OR0000940692	INTEGRATED DEVICE TECHNOLOGY INC	HILLSBORO	283
28	ORD982652463	LACAMAS LABORATORIES INC	PORTLAND	236
29	ORR000001008	GW INTERNATIONAL	PORTLAND	225
30	ORD054964481	BOEING OF PORTLAND	PORTLAND	188
31	ORD987201472	MATSUSHITA ELECTRONIC MATERIALS INC	FOREST GROVE	187
32	ORD018216887	EAST SIDE PLATING INC PLANTS 1 & 3	PORTLAND	183
33	ORD003991478	FREIGHTLINER CORP PORTLAND PARTS PLANT	PORTLAND	169
34	ORQ000006320	ODOT COLUMBIA RIV I5 INTERSTATE BDG PROJ	PORTLAND	158
35	ORD987166204	FUJITSU MICROELECTRONICS INC	GRESHAM	138
36	ORD060591963	INTEL CORPORATION ALOHA CAMPUS	ALOHA	133
37	ORD091296756	SCHROCK CABINET COMPANY	HILLSBORO	130
38	ORD180761934	CASCADE GENERAL INC	PORTLAND	129
39	ORD009027970	PCC STRUCTURALS INC LPC	PORTLAND	124
40	ORD000756932	GLENBROOK OPERATIONS COMINCO LTD	RIDDLE	121
41	ORD061483384	BARON BLAKESLEE	PORTLAND	99
42	ORR000001420	INTEL CORP RONLER ACRES	HILLSBORO	95
43	ORQ000004382	LSI LOGIC CORP	GRESHAM	95
44	ORQ000012872	BANK OF AMERICA C/O SEAFIRST BANK	PORTLAND	92
45	ORD009049107	EAST SIDE PLATING INC PLANT 4	PORTLAND	81
46	ORD010736262	BLOUNT INC OREGON CUTTING SYSTEMS DIV	MILWAUKIE	79
47	ORD980738306	CONTINENTAL BRASS CO	PORTLAND	78
48	ORD081182180	HEWLETT PACKARD COMPANY	CORVALLIS	74
49	ORD003992518	ELECTRONIC CONTROLS DESIGN INC	MULINO	67
50	ORD009020470	RODDA PAINT CORPORATION	PORTLAND	62
Total				78,997

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

OREGON

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 2

16 Quantity of RCRA Hazardous Waste Received: 38,401 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	ORD089452353	CHEMICAL WASTE MANAGEMENT OF THE NW	ARLINGTON	38,398
2	ORD009020231	TEKTRONIX INC BEAVERTON CAMPUS	BEAVERTON	3
Total				38,401

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

OREGON

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SLUDGE TREATMENT	M101-M109	3	0.0	1	50.0
STABILIZATION	M111-M119	10,147	26.4	1	50.0
LANDFILL	M132	24,713	64.4	1	50.0
OTHER DISPOSAL	M137	3,538	9.2	1	50.0
		38,401	100.0	2	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
LANDFILL	M132	24,713	64.4	1	50.0
STABILIZATION	M111-M119	10,147	26.4	1	50.0
OTHER DISPOSAL	M137	3,538	9.2	1	50.0
SLUDGE TREATMENT	M101-M109	3	0.0	1	50.0
		38,401	100.0	2	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SLUDGE TREATMENT	M101-M109	3	0.0	1	50.0
STABILIZATION	M111-M119	10,147	26.4	1	50.0
LANDFILL	M132	24,713	64.4	1	50.0
OTHER DISPOSAL	M137	3,538	9.2	1	50.0
		38,401	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

OREGON

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 32,072 Tons

22 Quantity of RCRA Hazardous Waste Exported: 67,822 Tons

PENNSYLVANIA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 965
- 2 Quantity of RCRA Hazardous Waste Generated: 417,477 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	PAD002330165	EAST PENN MFG CO INC	LYON STATION	47,442
2	PAD002312791	SUNOCO INC FRANKFORD PLT	PHILADELPHIA	39,261
3	PAD004338091	WHEATLAND TUBE COMPANY	WHEATLAND	25,671
4	PAD990753089	EXIDE GENERAL BATTERY READING COMPLEX	READING	17,672
5	PAD002326908	BETHLEHEM LUKENS PLATE COATESVILLE	COATESVILLE	16,595
6	PAD071203046	ICI EXPLOSIVES USA INC	TAMAQUA	15,125
7	PAD004325254	AK STEEL INC PLANT 1 LYNDORA	LYNDORA	14,218
8	PAR000000307	REPUBLIC TECHNOLOGIES INTL LLC	JOHNSTOWN	10,970
9	PAD004335154	ALLEGHENY LUDLUM BRACKENRIDGE	BRACKENRIDGE	9,988
10	PAD003026531	BETHLEHEM STEEL CORP STEELTON	STEELTON	9,932
11	PAD004378501	ALLEGHENY LUDLUM VANDERGRIFT	VANDERGRIFT	9,700
12	PAD004340444	J&L SPECIALTY STEEL INC	MIDLAND	7,968
13	PAD087561015	INMETCO	ELLWOOD CITY	7,468
14	PAD004336319	PPG INDUSTRIES INC SPRINGDALE C&R	SPRINGDALE	6,796
15	PAD003043353	MERCK & CO INC CHEROKEE	RIVERSIDE	5,692
16	PAD000651752	KOPPEL STEEL CORP KOPPEL	KOPPEL	5,550
17	PAD000797928	ICI AMERICAS INC	TAMAQUA	4,862
18	PAD004397410	LTV STEEL CO PITTSBURGH WORKS	PITTSBURGH	4,609
19	PAD987332897	ZINC CORP OF AMERICA PALMERTON	PALMERTON	4,554
20	PAD030069140	CHEMFIRST FINE CHEMICALS INC	TYRONE	4,371
21	PAD042259374	SARTOMER CO INC	WEST CHESTER	3,996
22	PAD004318788	BRASS & BRONZE CASTING CO	IRWIN	3,768
23	PAD000766063	ALLEGHENY LUDLUM HOUSTON	HOUSTON	3,422
24	PAD004322863	SHARON TUBE CO	SHARON	3,418
25	PAD079181186	GNB TECHNOLOGIES INC	DUNMORE	3,294
26	PAD004334157	NEVILLE CHEMICAL CO	PITTSBURGH	3,172
27	PAD980550412	LONZA RIVERSIDE PLANT	CONSHOHOCKEN	2,781
28	PAD981109135	ELLWOOD QUALITY STEELS	NEW CASTLE	2,774
29	PAD003047792	AMERICAN COLOR & CHEMICAL LLC	LOCK HAVEN	2,610
30	PAD061106209	STANDARD STEEL BURNHAM	BURNHAM	2,524
31	PAD002344315	CARPENTER TECHNOLOGY CORP	READING	2,473
32	PAD056771405	C&D TECHNOLOGIES INC LEOLA	LEOLA	2,298
33	PAD004337465	SHENANGO INC	PITTSBURGH	2,246
34	PAD002292068	ROHM & HAAS CO BRISTOL PLANT	BRISTOL	2,235
35	PAR000015768	TOSCO REFINING LP TRAINER	TRAINER	2,193
36	PAD002327708	LUCENT TECHNOLOGIES READING	READING	2,175
37	PAD000650366	PPG INDUSTRIES INC SPRINGDALE R&D	SPRINGDALE	1,982
38	PAD058977190	KURZ HASTINGS INC	PHILADELPHIA	1,885
39	PAD004328548	AK STEEL SAWHILL TUBULAR SHARON	SHARON	1,770
40	PAD980926976	NORTH PENN AREA 6 CERCLA SITE	LANSDALE	1,670
41	PAD004335485	SENSUS TECHNOLOGIES INC	UNIONTOWN	1,645
42	PAR000008367	AMERICAN IRON OXIDE COMPANY	ALLENPORT	1,536
43	PAD002105179	UNITED REFINING CO	WARREN	1,448
44	PAD014130439	OMG AMERICAS INC FRANKLIN	FRANKLIN	1,444
45	PAD980551964	SMITHKLINE BEECHAM PHARMACEUTICALS	KING OF PRUSSIA	1,378
46	PAD065651671	SANDVIK STEEL CO	CLARKS SUMMIT	1,374
47	PAD002338010	USEPA NATIONAL WOOD PRESERVING SITE	HAVERTOWN	1,320
48	PAD004372363	ZINC CORP OF AMERICA MONACA	MONACA	1,274
49	PAD981740731	KOPPERS INDUSTRIES INC CLAIRTON	CLAIRTON	1,197
50	PAD003008943	WARNER LAMBERT CO	LITITZ	1,146
Total				334,893

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

PENNSYLVANIA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	10,556	ONLY AN F CODE	13,503		
ONLY CORROSIVE	4,335	ONLY A K CODE	100,875		
ONLY REACTIVE	77	ONLY A P CODE	39		
ONLY D004-17	124,052	ONLY A U CODE	778		
ONLY D018-43	8,905				
HAS MORE THAN ONE CHARACTERISTIC CODE	15,160	HAS MORE THAN ONE LISTED CODE	4,435		
TOTAL	163,085	TOTAL	119,630	Both Characteristic and Listed	134,469

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	9,848			IGN. W/ AT LEAST 1 LSTD	41,989
HAS CORROSIVE CODE	3,961			CORR. W/ AT LEAST 1 LSTD	33,089
HAS REACTIVE CODE	469			REACT. W/ AT LEAST 1 LSTD	369
HAS D004-D017 CODE	9,526			D004-17 W/ AT LEAST 1 LSTD	90,835
HAS D018-D043 CODE	8,218			D018-43 W/ AT LEAST 1 LSTD	25,753
		HAS AN F CODE	1,825	F WASTE W/ AT LEAST 1 CHAR	47,583
		HAS A K CODE	1,780	K WASTE W/ AT LEAST 1 CHAR	86,466
		HAS A P CODE	2,609	P WASTE W/ AT LEAST 1 CHAR	23
		HAS A U CODE	2,655	U WASTE W/ AT LEAST 1 CHAR	1,440
TOTAL	15,160	TOTAL	4,435	TOTAL	134,469

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

PENNSYLVANIA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 51

7 Quantity of RCRA Hazardous Waste Managed: 293,078 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	PAD004835146	MILL SERVICE YUKON	YUKON	74,400
2	PAD002389559	KEYSTONE CEMENT CO	BATH	53,524
3	PAD002312791	SUNOCO INC FRANKFORD PLT	PHILADELPHIA	39,477
4	PAD087561015	INMETCO	ELLWOOD CITY	39,363
5	PAD010154045	ENVIRITE OF PENNSYLVANIA INC	YORK	26,994
6	PAD085690592	REPUBLIC ENV SYS (PA) INC	HATFIELD	21,064
7	PAD990753089	EXIDE GENERAL BATTERY READING COMPLEX	READING	20,995
8	PAD000736942	CALGON CARBON CORP	PITTSBURGH	5,978
9	PAD987270725	ENVIROTROL INC DARLINGTON	DARLINGTON	5,734
10	PAD980550412	LONZA RIVERSIDE PLANT	CONSHOHOCKEN	2,495
11	PAD002292068	ROHM & HAAS CO BRISTOL PLANT	BRISTOL	1,698
12	PAD003043353	MERCK & CO INC CHEROKEE	RIVERSIDE	1,145
13	PAD987367216	AERC	ALLENTOWN	184
14	PAD071203046	ICI EXPLOSIVES USA INC	TAMAQUA	14
15	PAD000606285	HERCULES JEFFERSON PLT	WEST ELIZABETH	12
16	PAD067098822	CYCLE CHEM INC	LEWISBERRY	0
Total				293,078

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

PENNSYLVANIA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	66,636	22.7	4	25.0
SOLVENTS RECOVERY	M021-M029	73	0.0	1	6.3
OTHER RECOVERY	M031-M039	12,090	4.1	3	18.8
INCINERATION	M041-M049	3,655	1.2	3	18.8
ENERGY RECOVERY	M051-M059	94,334	32.2	4	25.0
SLUDGE TREATMENT	M101-M109	94	0.0	3	18.8
STABILIZATION	M111-M119	116,197	39.6	4	25.0
LAND TREATMENT / APPLICATION / FARMING	M131	0	0.0	1	6.3
		293,078	100.0	16	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	116,197	39.6	4	25.0
ENERGY RECOVERY	M051-M059	94,334	32.2	4	25.0
METALS RECOVERY	M011-M019	66,636	22.7	4	25.0
OTHER RECOVERY	M031-M039	12,090	4.1	3	18.8
INCINERATION	M041-M049	3,655	1.2	3	18.8
SLUDGE TREATMENT	M101-M109	94	0.0	3	18.8
SOLVENTS RECOVERY	M021-M029	73	0.0	1	6.3
LAND TREATMENT / APPLICATION / FARMING	M131	0	0.0	1	6.3
		293,078	100.0	16	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	66,636	22.7	4	25.0
ENERGY RECOVERY	M051-M059	94,334	32.2	4	25.0
STABILIZATION	M111-M119	116,197	39.6	4	25.0
OTHER RECOVERY	M031-M039	12,090	4.1	3	18.8
INCINERATION	M041-M049	3,655	1.2	3	18.8
SLUDGE TREATMENT	M101-M109	94	0.0	3	18.8
SOLVENTS RECOVERY	M021-M029	73	0.0	1	6.3
LAND TREATMENT / APPLICATION / FARMING	M131	0	0.0	1	6.3
		293,078	100.0	16	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

PENNSYLVANIA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 929

13 Quantity of RCRA Hazardous Waste Shipped: 281,040 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	PAD002326908	BETHLEHEM LUKENS PLATE COATESVILLE	COATESVILLE	16,595
2	PAD071203046	ICI EXPLOSIVES USA INC	TAMAQUA	15,125
3	PAD004325254	AK STEEL INC PLANT 1 LYNDORA	LYNDORA	14,218
4	PAR000000307	REPUBLIC TECHNOLOGIES INTL LLC	JOHNSTOWN	10,970
5	PAD004335154	ALLEGHENY LUDLUM BRACKENRIDGE	BRACKENRIDGE	9,990
6	PAD003026531	BETHLEHEM STEEL CORP STEELTON	STEELTON	9,932
7	PAD002330165	EAST PENN MFG CO INC	LYON STATION	9,825
8	PAD004340444	J&L SPECIALTY STEEL INC	MIDLAND	7,968
9	PAD087561015	INMETCO	ELLWOOD CITY	7,468
10	PAD000651752	KOPPEL STEEL CORP KOPPEL	KOPPEL	5,550
11	PAD000797928	ICI AMERICAS INC	TAMAQUA	4,862
12	PAD004397410	LTV STEEL CO PITTSBURGH WORKS	PITTSBURGH	4,609
13	PAD987332897	ZINC CORP OF AMERICA PALMERTON	PALMERTON	4,574
14	PAD003043353	MERCK & CO INC CHEROKEE	RIVERSIDE	4,541
15	PAD030069140	CHEMFIRST FINE CHEMICALS INC	TYRONE	4,371
16	PAD990753089	EXIDE GENERAL BATTERY READING COMPLEX	READING	4,273
17	PAD042259374	SARTOMER CO INC	WEST CHESTER	3,996
18	PAD004318788	BRASS & BRONZE CASTING CO	IRWIN	3,768
19	PAD000766063	ALLEGHENY LUDLUM HOUSTON	HOUSTON	3,422
20	PAD079181186	GNB TECHNOLOGIES INC	DUNMORE	3,294
21	PAD981109135	ELLWOOD QUALITY STEELS	NEW CASTLE	2,774
22	PAD085690592	REPUBLIC ENV SYS (PA) INC	HATFIELD	2,765
23	PAD067098822	CYCLE CHEM INC	LEWISBERRY	2,528
24	PAD061106209	STANDARD STEEL BURNHAM	BURNHAM	2,524
25	PAD002344315	CARPENTER TECHNOLOGY CORP	READING	2,460
26	PAD056771405	C&D TECHNOLOGIES INC LEOLA	LEOLA	2,298
27	PAD004334157	NEVILLE CHEMICAL CO	PITTSBURGH	2,250
28	PAD004337465	SHENANGO INC	PITTSBURGH	2,246
29	PAR000015768	TOSCO REFINING LP TRAINER	TRAINER	2,193
30	PAD002327708	LUCENT TECHNOLOGIES READING	READING	2,175
31	PAD004336319	PPG INDUSTRIES INC SPRINGDALE C&R	SPRINGDALE	1,904
32	PAD004328548	AK STEEL SAWHILL TUBULAR SHARON	SHARON	1,770
33	PAD000738849	SAFETY KLEEN SYSTEMS WESTCHESTER	WEST CHESTER	1,714
34	PAD980926976	NORTH PENN AREA 6 CERCLA SITE	LANSDALE	1,670
35	PAD004335485	SENSUS TECHNOLOGIES INC	UNIONTOWN	1,645
36	PAR000008367	AMERICAN IRON OXIDE COMPANY	ALLENPORT	1,536
37	PAD980551964	SMITHKLINE BEECHAM PHARMACEUTICALS	KING OF PRUSSIA	1,378
38	PAD065651671	SANDVIK STEEL CO	CLARKS SUMMIT	1,374
39	PAD002338010	USEPA NATIONAL WOOD PRESERVING SITE	HAVERTOWN	1,320
40	PAD004372363	ZINC CORP OF AMERICA MONACA	MONACA	1,296
41	PAD058977190	KURZ HASTINGS INC	PHILADELPHIA	1,271
42	PAD981740731	KOPPERS INDUSTRIES INC CLAIRTON	CLAIRTON	1,197
43	PAD000738823	SAFETY KLEEN SYSTEMS NEW KINGSTOWN	NEW KINGSTOWN	1,148
44	PAD003008943	WARNER LAMBERT CO	LITITZ	1,146
45	PAD982576258	SAFETY KLEEN SYSTEMS WEST MIFFLIN	WEST MIFFLIN	1,083
46	PAD000736942	CALGON CARBON CORP	PITTSBURGH	1,016
47	PAD048203822	LORD CORP CHEMICAL PRODUCTS SAEGERTOWN	SAEGERTOWN	977
48	PAD002324978	WORTHINGTON STEEL CO	MALVERN	974
49	PAD001882372	THOMSON CONSUMER ELECTRONICS DUNMORE	DUNMORE	957
50	PAD981736143	SAFETY KLEEN SYSTEMS JOHNSTOWN	JOHNSTOWN	929
Total				199,870

Note: Columns may not sum due to rounding.
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PENNSYLVANIA

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 23
- 16 Quantity of RCRA Hazardous Waste Received: 247,387 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	PAD004835146	MILL SERVICE YUKON	YUKON	74,400
2	PAD002389559	KEYSTONE CEMENT CO	BATH	53,524
3	PAD087561015	INMETCO	ELLWOOD CITY	39,363
4	PAD010154045	ENVIRITE OF PENNSYLVANIA INC	YORK	26,994
5	PAD085690592	REPUBLIC ENV SYS (PA) INC	HATFIELD	23,981
6	PAD990753089	EXIDE GENERAL BATTERY READING COMPLEX	READING	7,596
7	PAD000736942	CALGON CARBON CORP	PITTSBURGH	5,978
8	PAD987270725	ENVIROTROL INC DARLINGTON	DARLINGTON	5,727
9	PAD067098822	CYCLE CHEM INC	LEWISBERRY	3,041
10	PAD000738849	SAFETY KLEEN SYSTEMS WESTCHESTER	WEST CHESTER	1,533
11	PAD000738823	SAFETY KLEEN SYSTEMS NEW KINGSTOWN	NEW KINGSTOWN	827
12	PAD982576258	SAFETY KLEEN SYSTEMS WEST MIFFLIN	WEST MIFFLIN	701
13	PAD987266715	SAFETY KLEEN SYSTEMS FAIRLESS HILLS	FAIRLESS HILLS	685
14	PAD981736143	SAFETY KLEEN SYSTEMS JOHNSTOWN	JOHNSTOWN	622
15	PAD980552020	SAFETY KLEEN SYSTEMS ALLENTOWN 020	ALLENTOWN	528
16	PAD981737109	SAFETY KLEEN SYSTEMS WILKES BARRE	WILKES BARRE	391
17	PAD086673407	SAFETY KLEEN SYSTEMS ERIE	ERIE	385
18	PAD002312791	SUNOCO INC FRANKFORD PLT	PHILADELPHIA	377
19	PAD000797548	ASHLAND DISTRIBUTION CO FREEDOM	FREEDOM	266
20	PAD987266673	SAFETY KLEEN SYSTEMS ATHENS	ATHENS	236
21	PAD987367216	AERC	ALLENTOWN	210
22	PAD071203046	ICI EXPLOSIVES USA INC	TAMAQUA	14
23	PAD000606285	HERCULES JEFFERSON PLT	WEST ELIZABETH	7
Total				247,387

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

PENNSYLVANIA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	66,587	28.3	4	30.8
SOLVENTS RECOVERY	M021-M029	73	0.0	1	7.7
OTHER RECOVERY	M031-M039	12,083	5.1	3	23.1
INCINERATION	M041-M049	14	0.0	1	7.7
ENERGY RECOVERY	M051-M059	53,531	22.8	2	15.4
SLUDGE TREATMENT	M101-M109	94	0.0	3	23.1
STABILIZATION	M111-M119	102,847	43.7	3	23.1
LAND TREATMENT / APPLICATION / FARMING	M131	0	0.0	1	7.7
		235,229	100.0	13	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	102,847	43.7	3	23.1
METALS RECOVERY	M011-M019	66,587	28.3	4	30.8
ENERGY RECOVERY	M051-M059	53,531	22.8	2	15.4
OTHER RECOVERY	M031-M039	12,083	5.1	3	23.1
SLUDGE TREATMENT	M101-M109	94	0.0	3	23.1
SOLVENTS RECOVERY	M021-M029	73	0.0	1	7.7
INCINERATION	M041-M049	14	0.0	1	7.7
LAND TREATMENT / APPLICATION / FARMING	M131	0	0.0	1	7.7
		235,229	100.0	13	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	66,587	28.3	4	30.8
OTHER RECOVERY	M031-M039	12,083	5.1	3	23.1
SLUDGE TREATMENT	M101-M109	94	0.0	3	23.1
STABILIZATION	M111-M119	102,847	43.7	3	23.1
ENERGY RECOVERY	M051-M059	53,531	22.8	2	15.4
SOLVENTS RECOVERY	M021-M029	73	0.0	1	7.7
INCINERATION	M041-M049	14	0.0	1	7.7
LAND TREATMENT / APPLICATION / FARMING	M131	0	0.0	1	7.7
		235,229	100.0	13	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

PENNSYLVANIA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 150,069 Tons

22 Quantity of RCRA Hazardous Waste Exported: 147,438 Tons

PUERTO RICO

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 105
- 2 Quantity of RCRA Hazardous Waste Generated: 86,630 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	PRD090399718	SAFETY KLEEN ENVIROSYSTEMS	MANATI	23,771
2	PRD987374451	ABBOTT CHEMICALS PLANT (SOUTH)	BARCELONETA	12,072
3	PRD090398074	PHARMACIA & UPJOHN CARIBE INC	BARCELONETA	9,470
4	PRD090346909	PFIZER PHARMACEUTICALS LLC	BARCELONETA	9,151
5	PRD981182421	SAFETY KLEEN ENVIROSYSTEMS	DORADO	7,476
6	PRD091024786	LILLY DEL CARIBE, INC. PR-04	MAYAGUEZ	7,087
7	PRD090028101	MERCK SHARP AND DOHME QUIMICA DE PR	BARCELONETA	6,247
8	PRD090036021	BRISTOL-MYERS BARCELONETA INC	BARCELONETA	2,169
9	PRD090139536	SCHERING PLOUGH PRODUCTS, L.L.C.	MANAT	1,667
10	PRD991291949	SEARLE, LTD.	BARCELONETA	697
11	PRD090613357	CHEMSOURCE CORP.	GUAYAMA	531
12	PRD987373578	IPR PHARMACEUTICALS, INC.	GUAYAMA	515
13	PRD090131251	ABBOTT HEALTH PRODUCTS, INC.	BARCELONETA	502
14	PRD991291972	PHILLIPS PUERTO RICO CORE INC.	GGUAYAMA	499
15	PRD000692525	BAXTER CARIBE INC.	GUAYAMA	432
16	PRD991291857	VIASYSTEMS PR INC.	SAN GERMAN	402
17	PRD000632182	CARIBBEAN PETROLEUM REFINING L.P.	BAYAMON	245
18	PRD090383860	CARIBE GE DISTRIBUTION & COMPONENTS	ARECIBO	234
19	PRD049532807	SARTORIUS, IND.	YAUCO	190
20	PRD059700435	ICI PAINTS PUERTO RICO INC	CAROLINA	160
21	PRD987370913	CUTLER HAMMER DE PR	ARECIBO	154
22	PRD091198366	MILLIPORE CORP.	CIDRA	131
23	PRD981563091	EL NUEVO D A	GUAYNABO	131
24	PRD980536049	JANSSEN ORTHO LLC	GURABO	130
25	PRD091200477	DAVIS & GECK LTD	MANATI	127
26	PRD090592544	QUALITY ELECTROPLATING	CAGUAS	114
27	PRD091065102	CYANAMID AGRICULTURAL DE P.R. INC.	MANATI	112
28	PRD090378225	SEARLE & CO.	CAGUAS	110
29	PRD980768410	SCHERING PLOUGH PRODUCTS, L.L.C.	LAS PIEDRAS	110
30	PRD980764401	ORTHO PHARMACEUTICAL	MANATI	101
31	PRD000706432	OSRAM SYLVANIA P.R. CORP.	LUQUILLO	95
32	PRD980594618	UNION CARBIDE CARIBE LLC	PENUELAS	94
33	PRD090009457	LILLY DEL CARIBE, PR02	CAROLINA	90
34	PRD987378437	MERCK SHARP & DOHME- ARECIBO	SABANA HOYOS	87
35	PRD980759443	DUPONT ELECTRONICS MICROCIRCUITS INDUSTR	MANATI	78
36	PRD987366044	CONCENTRATE MFG OPERATIONS PEPSICO PR	CIDRA	72
37	PR2170027203	NAVAL STA. ROOSEVELT ROADS	CEIBA	69
38	PRD980644397	STAR KIST CARIBE	MAYAGUEZ	68
39	PRD980650709	AVON LOMALINDA, INC.	SAN SEBASTIAN	61
40	PRD091049262	THERMO KING DE P.R.	CIALES	57
41	PRD090413568	DUPONT PHARMA LTD.	MANATI	52
42	PRD090497959	THERMO KING DE P.R.,INGERSOLL RAND DIV.	ARECIBO	51
43	PRD174050377	MOVA PHARMACEUTICALS CORP.	CAGUAS	50
44	PRD090466996	ISLAND LITHO, CORP.	BAYAMON	50
45	PRD091144709	WARNER-LAMBERT, INC.	VEGA BAJA	45
46	PRD090564477	BORICUA WOOD PROCESSING	TOA BAJA	42
47	PRD982271298	COSMAIR CARIBE, INC.	RIO GRANDE	37
48	PRD090021056	SQUIBB MANUFACTURING, INC.	HUMACAO	34
49	PRD101793834	WESLEY JESSEN (PUERTO RICO), INC.	CIDRA	34
50	PRD987370723	GUIDANT-PUERTO RICO	DORADO	31
Total				85,935

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

PUERTO RICO

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	22,511	ONLY AN F CODE	28,407		
ONLY CORROSIVE	38	ONLY A K CODE	359		
ONLY REACTIVE	11	ONLY A P CODE	68		
ONLY D004-17	210	ONLY A U CODE	60		
ONLY D018-43	111				
HAS MORE THAN ONE CHARACTERISTIC CODE	3,047	HAS MORE THAN ONE LISTED CODE	33		
TOTAL	25,927	TOTAL	28,926	Both Characteristic and Listed	31,758

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	2,969			IGN. W/ AT LEAST 1 LSTD	31,518
HAS CORROSIVE CODE	2,591			CORR. W/ AT LEAST 1 LSTD	109
HAS REACTIVE CODE	116			REACT. W/ AT LEAST 1 LSTD	33
HAS D004-D017 CODE	158			D004-17 W/ AT LEAST 1 LSTD	4,220
HAS D018-D043 CODE	305			D018-43 W/ AT LEAST 1 LSTD	9,051
		HAS AN F CODE	33	F WASTE W/ AT LEAST 1 CHAR	31,671
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	57
		HAS A P CODE	19	P WASTE W/ AT LEAST 1 CHAR	24
		HAS A U CODE	33	U WASTE W/ AT LEAST 1 CHAR	7,191
TOTAL	3,047	TOTAL	33	TOTAL	31,758

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

PUERTO RICO

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 31

7 Quantity of RCRA Hazardous Waste Managed: 116,796 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	PRD090399718	SAFETY KLEEN ENVIROSYSTEMS	MANATI	47,292
2	PRD981182421	SAFETY KLEEN ENVIROSYSTEMS	DORADO	40,398
3	PRD980594618	UNION CARBIDE CARIBE LLC	PENUELAS	22,773
4	PRD090028101	MERCK SHARP AND DOHME QUIMICA DE PR	BARCELONETA	6,189
5	PRD091024786	LILLY DEL CARIBE, INC. PR-04	MAYAGUEZ	95
6	PRD090613357	CHEMSOURCE CORP.	GUAYAMA	23
7	PRD090466996	ISLAND LITHO, CORP.	BAYAMON	19
8	PRD090398074	PHARMACIA & UPJOHN CARIBE INC	BARCELONETA	6
Total				116,796

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

PUERTO RICO

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	43,987	37.7	5	62.5
INCINERATION	M041-M049	6,288	5.4	3	37.5
ENERGY RECOVERY	M051-M059	84	0.1	1	12.5
FUEL BLENDING	M061	43,665	37.4	2	25.0
STABILIZATION	M111-M119	11,387	9.7	1	12.5
LANDFILL	M132	11,387	9.7	1	12.5
		116,796	100.0	8	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	43,987	37.7	5	62.5
FUEL BLENDING	M061	43,665	37.4	2	25.0
STABILIZATION	M111-M119	11,387	9.7	1	12.5
LANDFILL	M132	11,387	9.7	1	12.5
INCINERATION	M041-M049	6,288	5.4	3	37.5
ENERGY RECOVERY	M051-M059	84	0.1	1	12.5
		116,796	100.0	8	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	43,987	37.7	5	62.5
INCINERATION	M041-M049	6,288	5.4	3	37.5
FUEL BLENDING	M061	43,665	37.4	2	25.0
ENERGY RECOVERY	M051-M059	84	0.1	1	12.5
STABILIZATION	M111-M119	11,387	9.7	1	12.5
LANDFILL	M132	11,387	9.7	1	12.5
		116,796	100.0	8	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

PUERTO RICO

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 102

13 Quantity of RCRA Hazardous Waste Shipped: 106,191 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	PRD090399718	SAFETY KLEEN ENVIROSYSTEMS	MANATI	52,846
2	PRD981182421	SAFETY KLEEN ENVIROSYSTEMS	DORADO	19,922
3	PRD987374451	ABBOTT CHEMICALS PLANT (SOUTH)	BARCELONETA	12,072
4	PRD090398074	PHARMACIA & UPJOHN CARIBE INC	BARCELONETA	7,853
5	PRD090036021	BRISTOL-MYERS BARCELONETA INC	BARCELONETA	2,169
6	PRD090346909	PFIZER PHARMACEUTICALS LLC	BARCELONETA	1,814
7	PRD090139536	SCHERING PLOUGH PRODUCTS, L.L.C.	MANAT	1,667
8	PRD091024786	LILLY DEL CARIBE, INC. PR-04	MAYAGUEZ	1,316
9	PRD991291949	SEARLE, LTD.	BARCELONETA	697
10	PRD987373578	IPR PHARMACEUTICALS, INC.	GUAYAMA	515
11	PRD991291972	PHILLIPS PUERTO RICO CORE INC.	GGUAYAMA	451
12	PRD000692525	BAXTER CARIBE INC.	GUAYAMA	432
13	PRD991291857	VIASYSTEMS PR INC.	SAN GERMAN	402
14	PRD000632182	CARIBBEAN PETROLEUM REFINING L.P.	BAYAMON	245
15	PRD090383860	CARIBE GE DISTRIBUTION & COMPONENTS	ARECIBO	234
16	PRD090074071	PUERTO RICO SUN OIL COMPANY	YABUCOA	209
17	PRD049532807	SARTORIUS, IND.	YAUCO	190
18	PRD059700435	ICI PAINTS PUERTO RICO INC	CAROLINA	160
19	PRD987370913	CUTLER HAMMER DE PR	ARECIBO	154
20	PRD090028101	MERCK SHARP AND DOHME QUIMICA DE PR	BARCELONETA	141
21	PRD980536049	JANSSEN ORTHO LLC	GURABO	130
22	PRD091200477	DAVIS & GECK LTD	MANATI	127
23	PRD090131251	ABBOTT HEALTH PRODUCTS, INC.	BARCELONETA	126
24	PRD090592544	QUALITY ELECTROPLATING	CAGUAS	114
25	PRD091065102	CYANAMID AGRICULTURAL DE P.R. INC.	MANATI	112
26	PRD980768410	SCHERING PLOUGH PRODUCTS, L.L.C.	LAS PIEDRAS	110
27	PRD980764401	ORTHO PHARMACEUTICAL	MANATI	101
28	PRD090009457	LILLY DEL CARIBE, PR02	CAROLINA	90
29	PRD987378437	MERCK SHARP & DOHME- ARECIBO	SABANA HOYOS	86
30	PRD981563091	EL NUEVO D A	GUAYNABO	80
31	PRD090613357	CHEMSOURCE CORP.	GUAYAMA	74
32	PRD980759443	DUPONT ELECTRONICS MICROCIRCUITS INDUSTR	MANATI	74
33	PRD987366044	CONCENTRATE MFG OPERATIONS PEPSICO PR	CIDRA	72
34	PR2170027203	NAVAL STA. ROOSEVELT ROADS	CEIBA	69
35	PRD980644397	STAR KIST CARIBE	MAYAGUEZ	68
36	PRD980650709	AVON LOMALINDA, INC.	SAN SEBASTIAN	57
37	PRD090413568	DUPONT PHARMA LTD.	MANATI	52
38	PRD090378225	SEARLE & CO.	CAGUAS	50
39	PRD174050377	MOVA PHARMACEUTICALS CORP.	CAGUAS	50
40	PRD091198366	MILLIPORE CORP.	CIDRA	48
41	PRD090497959	THERMO KING DE P.R.,INGERSOLL RAND DIV.	ARECIBO	46
42	PRD091049262	THERMO KING DE P.R.	CIALES	45
43	PRD091144709	WARNER-LAMBERT, INC.	VEGA BAJA	45
44	PRD090564477	BORICUA WOOD PROCESSING	TOA BAJA	42
45	PRD980594618	UNION CARBIDE CARIBE LLC	PENUELAS	40
46	PRD982271298	COSMAIR CARIBE, INC.	RIO GRANDE	37
47	PRD090021056	SQUIBB MANUFACTURING, INC.	HUMACAO	34
48	PRD101793834	WESLEY JESSEN (PUERTO RICO), INC.	CIDRA	34
49	PRD987370723	GUIDANT-PUERTO RICO	DORADO	31
50	PRD090426180	AMI DODUCO (PR), INC.	LUQUILLO	30
Total				105,566

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

PUERTO RICO

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 5
- 16 Quantity of RCRA Hazardous Waste Received: 88,830 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	PRD090399718	SAFETY KLEEN ENVIROSYSTEMS	MANATI	48,253
2	PRD981182421	SAFETY KLEEN ENVIROSYSTEMS	DORADO	40,398
3	PRD091024786	LILLY DEL CARIBE, INC. PR-04	MAYAGUEZ	95
4	PRD090028101	MERCK SHARP AND DOHME QUIMICA DE PR	BARCELONETA	84
5	PR2170027203	NAVAL STA. ROOSEVELT ROADS	CEIBA	0
Total				88,830

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

PUERTO RICO

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	43,939	50.0	2	50.0
INCINERATION	M041-M049	182	0.2	3	75.0
ENERGY RECOVERY	M051-M059	84	0.1	1	25.0
FUEL BLENDING	M061	43,665	49.7	2	50.0
		87,869	100.0	4	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	43,939	50.0	2	50.0
FUEL BLENDING	M061	43,665	49.7	2	50.0
INCINERATION	M041-M049	182	0.2	3	75.0
ENERGY RECOVERY	M051-M059	84	0.1	1	25.0
		87,869	100.0	4	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	182	0.2	3	75.0
SOLVENTS RECOVERY	M021-M029	43,939	50.0	2	50.0
FUEL BLENDING	M061	43,665	49.7	2	50.0
ENERGY RECOVERY	M051-M059	84	0.1	1	25.0
		87,869	100.0	4	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

PUERTO RICO

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 0 Tons

22 Quantity of RCRA Hazardous Waste Exported: 42,866 Tons

RHODE ISLAND

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 145
- 2 Quantity of RCRA Hazardous Waste Generated: 37,622 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	RIP000019360	NAVAL STATION NEWPORT- MELVILLE NORTH LF	PORTSMOUTH	19,636
2	RID001202050	MOBIL OIL CORP- EAST PROV. TERMINAL	EAST PROVIDENCE	11,964
3	RID987489770	CNC INTERNATIONAL, LP	WOONSOCKET	456
4	RID001198605	OSRAM SYLVANIA	CENTRAL FALLS	411
5	RID048976732	NEW ENGLAND CONTAINER	SMITHFIELD	305
6	RID987467248	INTERNATIONAL ETCHING, INC	PROVIDENCE	287
7	RID001200930	SOLUOL CHEMICAL CO., INC.	WEST WARWICK	281
8	RID084802842	CHEM-PAK CORPORATION	CRANSTON	260
9	RID058065707	ARKWRIGHT, INC.	FISKEVILLE	245
10	RI5000011387	CLARIANT CORPORATION	COVENTRY	237
11	RI8170024790	NAVAL UNDERSEA WARFARE CTR. DIV.	NEWPORT	183
12	RID062310230	AIR PRODUCTS AND CHEMICALS, INC.	CUMBERLAND	180
13	RID075728030	ARCH SPECIALTY CHEMICALS	EAST PROVIDENCE	149
14	RID000652354	SWAROVSKI CONSUMER GOODS LIMITED	CRANSTON	138
15	RID987490315	NEW ENGLAND UNION CO. INC.	WEST WARWICK	134
16	RID001199728	COOLEY INCORPORATED	PAWTUCKET	128
17	RID981064447	PRECISION ETCHINGS & FINDINGS	WARWICK	113
18	RID981202351	LENOX, INCORPORATED D/B/A GORHAM	SMITHFIELD	107
19	RID058058405	CHERRY SEMICONDUCTOR CORP	EAST GREENWICH	107
20	RID001205780	VICTORY FINISHING TECHNOLOGIES INC.	PROVIDENCE	98
21	RID001670884	INTERPLEX METALS	PROVIDENCE	93
22	RIR000012393	ECO DEPOT	PROVIDENCE	80
23	RID075704999	UNION INDUSTRIES INC.	PROVIDENCE	73
24	RID059735761	ADVANCED CHEMICAL COMPANY	WARWICK	73
25	RID001187277	PROVIDENCE METALLIZING CO., INC.	PAWTUCKET	71
26	RID063890214	METECH INTERNATIONAL, INC	MAPLEVILLE	66
27	RID001201508	A.T. CROSS COMPANY	LINCOLN	61
28	RID051507044	STANLEY FASTENING SYSTEMS, LP	EAST GREENWICH	60
29	RID980668610	RIBCO MFG. INC.	PROVIDENCE	60
30	RID001460534	TANURY INDUSTRIES	LINCOLN	60
31	RID001199355	ASHAWAY LINE AND TWINE	HOPKINGTON	58
32	RID001620210	MICROFIN CORPORATION	PROVIDENCE	57
33	RIR000015594	ARCH SPECIALY CHEMICALS INC.	NORTH KINGSTOWN	56
34	RID980913354	HANDY & HARMAN ELECTRONIC MATERIAL CORP.	EAST PROVIDENCE	56
35	RID063900690	ELECTRIC BOAT CORPORATION	NORTH KINGSTOWN	51
36	RID059735944	MONARCH METAL FINISHING CO. INC.	PROVIDENCE	47
37	RID001189166	AMERICAN INSULATED WIRE CORP	PAWTUCKET	43
38	RID001190750	LEVITON MFG. CO. INC.	WARWICK	40
39	RID000001701	ELECTRO-FILMS INC	WARWICK	40
40	RID987488301	RIDGEWOOD PROVIDENCE POWER PARTNERS	JOHNSTON	37
41	RID062313614	JAY PACKAGING GROUP	WARWICK, RI	37
42	RIR000015727	NAPP TECHNOLOGIES INC.	COVENTRY	37
43	RIP000019743	NARRAGANSETT ELECTRIC- WESTERLY	WESTERLY	34
44	RID072216583	IRA GREEN, INC	PROVIDENCE	34
45	RID042131318	ARLON INC ADHESIVES & FILMS DIV	EAST PROVIDENCE	33
46	RID987489473	TECHNIC, INC., EPD	WOONSOCKET	33
47	RID075725952	GENERAL ELECTRIC	PROVIDENCE	32
48	RID099421810	ENGELHARD CORPORATION	WARWICK	31
49	RID000769661	EVANS PLATING CORPORATION	JOHNSTON	31
50	RID987490372	MUTUAL METALS INC.	PROVIDENCE	28
Total				36,927

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

RHODE ISLAND

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	1,061	ONLY AN F CODE	823		
ONLY CORROSIVE	203	ONLY A K CODE	0		
ONLY REACTIVE	15	ONLY A P CODE	0		
ONLY D004-17	22,066	ONLY A U CODE	4		
ONLY D018-43	50				
HAS MORE THAN ONE CHARACTERISTIC CODE	11,776	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	35,171	TOTAL	827	Both Characteristic and Listed	1,610

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	11,259			IGN. W/ AT LEAST 1 LSTD	1,114
HAS CORROSIVE CODE	535			CORR. W/ AT LEAST 1 LSTD	77
HAS REACTIVE CODE	10,067			REACT. W/ AT LEAST 1 LSTD	109
HAS D004-D017 CODE	11,004			D004-17 W/ AT LEAST 1 LSTD	374
HAS D018-D043 CODE	11,218			D018-43 W/ AT LEAST 1 LSTD	826
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	1,604
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	1
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	10
TOTAL	11,776	TOTAL	0	TOTAL	1,610

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

RHODE ISLAND**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 3

7 Quantity of RCRA Hazardous Waste Managed: 2,220 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	RID084802842	CHEM-PAK CORPORATION	CRANSTON	2,220
Total				2,220

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

RHODE ISLAND

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	2,220	100.0	1	100.0
		2,220	100.0	1	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	2,220	100.0	1	100.0
		2,220	100.0	1	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	2,220	100.0	1	100.0
		2,220	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
 Columns may not sum due to rounding.
 Number of Facilities column may not sum to total because facilities may have multiple handling methods.

RHODE ISLAND

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 136

13 Quantity of RCRA Hazardous Waste Shipped: 43,147 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	RIP000019360	NAVAL STATION NEWPORT- MELVILLE NORTH LF	PORTSMOUTH	19,636
2	RID001202050	MOBIL OIL CORP- EAST PROV. TERMINAL	EAST PROVIDENCE	11,964
3	RID040098352	NORTHLAND ENVIRONMENTAL INC.	PROVIDENCE	5,177
4	RID084802842	CHEM-PAK CORPORATION	CRANSTON	890
5	RID001198605	OSRAM SYLVANIA	CENTRAL FALLS	411
6	RID048976732	NEW ENGLAND CONTAINER	SMITHFIELD	305
7	RID987467248	INTERNATIONAL ETCHING, INC	PROVIDENCE	287
8	RID001200930	SOLUOL CHEMICAL CO., INC.	WEST WARWICK	281
9	RID058065707	ARKWRIGHT, INC.	FISKEVILLE	245
10	RI5000011387	CLARIANT CORPORATION	COVENTRY	237
11	RI8170024790	NAVAL UNDERSEA WARFARE CTR. DIV.	NEWPORT	182
12	RID987489770	CNC INTERNATIONAL, LP	WOONSOCKET	178
13	RID062310230	AIR PRODUCTS AND CHEMICALS, INC.	CUMBERLAND	178
14	RID075728030	ARCH SPECIALTY CHEMICALS	EAST PROVIDENCE	149
15	RID000652354	SWAROVSKI CONSUMER GOODS LIMITED	CRANSTON	138
16	RID987490315	NEW ENGLAND UNION CO. INC.	WEST WARWICK	134
17	RID001199728	COOLEY INCORPORATED	PAWTUCKET	128
18	RID981064447	PRECISION ETCHINGS & FINDINGS	WARWICK	113
19	RID981202351	LENOX, INCORPORATED D/B/A GORHAM	SMITHFIELD	107
20	RID001205780	VICTORY FINISHING TECHNOLOGIES INC.	PROVIDENCE	98
21	RIR000012393	ECO DEPOT	PROVIDENCE	79
22	RID980906986	21ST CENTURY EMI INC.	WARWICK	74
23	RID075704999	UNION INDUSTRIES INC.	PROVIDENCE	73
24	RID059735761	ADVANCED CHEMICAL COMPANY	WARWICK	73
25	RID001187277	PROVIDENCE METALLIZING CO., INC.	PAWTUCKET	71
26	RID058058405	CHERRY SEMICONDUCTOR CORP	EAST GREENWICH	71
27	RID063890214	METECH INTERNATIONAL, INC	MAPLEVILLE	66
28	RID001199355	ASHAWAY LINE AND TWINE	HOPKINGTON	65
29	RID001201508	A.T. CROSS COMPANY	LINCOLN	61
30	RID001670884	INTERPLEX METALS	PROVIDENCE	61
31	RID051507044	STANLEY FASTENING SYSTEMS, LP	EAST GREENWICH	60
32	RID980668610	RIBCO MFG. INC.	PROVIDENCE	60
33	RID001460534	TANURY INDUSTRIES	LINCOLN	59
34	RID001620210	MICROFIN CORPORATION	PROVIDENCE	57
35	RIR000015594	ARCH SPECIALY CHEMICALS INC.	NORTH KINGSTOWN	56
36	RID980913354	HANDY & HARMAN ELECTRONIC MATERIAL CORP.	EAST PROVIDENCE	56
37	RID063900690	ELECTRIC BOAT CORPORATION	NORTH KINGSTOWN	51
38	RID059735944	MONARCH METAL FINISHING CO. INC.	PROVIDENCE	47
39	RID001189166	AMERICAN INSULATED WIRE CORP	PAWTUCKET	43
40	RID001190750	LEVITON MFG. CO. INC.	WARWICK	40
41	RID000001701	ELECTRO-FILMS INC	WARWICK	40
42	RID001438480	CRANSTON PRINT WORKS	CRANSTON	38
43	RID987488301	RIDGEWOOD PROVIDENCE POWER PARTNERS	JOHNSTON	37
44	RIR000015727	NAPP TECHNOLOGIES INC.	COVENTRY	37
45	RID042131318	ARLON INC ADHESIVES & FILMS DIV	EAST PROVIDENCE	36
46	RIP000019743	NARRAGANSETT ELECTRIC- WESTERLY	WESTERLY	34
47	RID072216583	IRA GREEN, INC	PROVIDENCE	34
48	RID987489473	TECHNIC, INC., EPD	WOONSOCKET	33
49	RID075725952	GENERAL ELECTRIC	PROVIDENCE	32
50	RID063927966	G. TANURY PLATING COMPANY	JOHNSTON	29
Total				42,408

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

RHODE ISLAND

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 2

16 Quantity of RCRA Hazardous Waste Received: 4,081 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	RID040098352	NORTHLAND ENVIRONMENTAL INC.	PROVIDENCE	2,956
2	RID084802842	CHEM-PAK CORPORATION	CRANSTON	1,126
Total				4,081

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

RHODE ISLAND

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	1,126	100.0	1	100.0
		1,126	100.0	1	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	1,126	100.0	1	100.0
		1,126	100.0	1	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	1,126	100.0	1	100.0
		1,126	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

RHODE ISLAND

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 3,018 Tons

22 Quantity of RCRA Hazardous Waste Exported: 42,291 Tons

SOUTH CAROLINA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 347
- 2 Quantity of RCRA Hazardous Waste Generated: 14,761 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	SCD003351699	GIANT CEMENT COMPANY	HARLEYVILLE	7,176
2	SCD043384072	ALBEMARLE CORP ORANGEBURG PLT	ORANGEBURG	3,362
3	SCD980500052	3V INC	GEORGETOWN	2,703
4	SC1890008989	DOE/WSRC SAVANNAH RIVER SITE	JACKSON	662
5	SCD042627448	ARCHIMICA INC ELGIN	ELGIN	193
6	SC0000193631	AEC SENECA	SENECA	81
7	SCD055914436	GREENFIELD INDUSTRIES CLEMSON	CLEMSON	64
8	SCD003353026	KOPPERS INDUSTRIES INC	FLORENCE	46
9	SCD078057031	SYBRON CHEMICALS INC	WELLFORD	44
10	SCD036275626	SOUTHEASTERN CHEMICALS & SOLVENTS CO	SUMTER	39
11	SCD044442333	PETRO CHEM SC	ROCK HILL	36
12	SCD077995488	SAFETY KLEEN SYSTEMS INC LEXINGTON	LEXINGTON	33
13	SCD003159753	ZENITH ENGRAVING CO INC	CHESTER	30
14	SCD982085813	MECO METAL FINISHING USA INC	ROCK HILL	24
15	SCD980848717	CARPENTER TECHNOLOGY CORP	ORANGEBURG	22
16	SCD073706715	ALLIED GENERAL NUCLEAR SERVICES	BARNWELL	16
17	SCD070375985	SAFETY KLEEN (PINWOOD), INC	PINWOOD	15
18	SCD061523098	PHELPS DODGE HIGH PERFORMANCE CONDUCTORS	INMAN	14
19	SCD987572492	STANDARD CORPORATION	LUGOFF	13
20	SCR000000752	PAXAR CORP	ROCK HILL	13
21	SCD982168049	KLINE IRON & STEEL CO INC	COLUMBIA	12
22	SCD980845218	THOMAS & BETTS CORPORATION	GAFFNEY	11
23	SCD037400892	COATES INKS USA INC	GREER	10
24	SCD987566981	INTERLAKE MATERIAL HANDLING DIV	SUMTER	10
25	SCD091318832	NICCA USA INC	FOUNTAIN INN	8
26	SCD065052052	ARAMARK UNIFORM SERVICES INC	COLUMBIA	7
27	SCD003348463	KORN INDUSTRIES INC	SUMTER	7
28	SCD083415125	CROWN CORK & SEAL (CHERAW)	CHERAW	7
29	SCD097640361	ADVANCED MANUFACTURING COMPONENTS INC	GREENWOOD	6
30	SCD049128598	INA USA CORP PLANT I	CHERAW	6
31	SCD987571874	SCE&G - INVESTMENT RECOVERY	COLUMBIA	6
32	SC0000194100	KELMAR INDUSTRIES INC	DUNCAN	6
33	SCD981866007	ENGELHARD CORPORATION	SENECA	5
34	SCD000825323	EXXON MOBIL LUBRICANTS & PETROLEUM SPEC	CHARLESTON	4
35	SCD045634235	BOB JONES UNIVERSITY INC	GREENVILLE	4
36	SCR000002436	TIN PRODUCTS INC	LEXINGTON	4
37	SCD084707298	CR BARD INC	MONCK'S CORNER	4
38	SCD981014780	INCHEM CORPORATION	ROCK HILL	3
39	SCD070366497	PARKER HANNIFIN CORP ABEX NWL DIV	BEAUFORT	3
40	SC0000037986	CAROLINA FILTERS INC	SUMTER	3
41	SC0000110288	BMW MANUFACTURING CORP	GREER	3
42	SCD058745894	COGNIS CORP	MAULDIN	3
43	SCD078063559	FLINT INK	SPARTANBURG	3
44	SCD003351814	INTERNATIONAL PAPER DECORATIVE PRODUCTS	HAMPTON	3
45	SCD980839823	ASHLAND CHEMICAL CO-COLA	COLUMBIA	2
46	SCD003368891	HOLNAM INC SAFETY KLEEN SYSTEMS INC	HOLLY HILL	2
47	SC8170022620	USN-CHARLESTON NAVAL WEAPONS STATION	GOOSE CREEK	2
48	SCR000004168	SCHWEIZERHALL DEVELOPMENT CO	GREENVILLE	2
49	SCD980840193	HALOCARBON PRODUCTS CORPORATION	NORTH AUGUSTA	2
50	SCD987595774	QUALASYSTEMS	N CHARLESTON	2
Total				14,735

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

SOUTH CAROLINA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	35	ONLY AN F CODE	404		
ONLY CORROSIVE	300	ONLY A K CODE	46		
ONLY REACTIVE	1	ONLY A P CODE	0		
ONLY D004-17	133	ONLY A U CODE	3		
ONLY D018-43	191				
HAS MORE THAN ONE CHARACTERISTIC CODE	388	HAS MORE THAN ONE LISTED CODE	83		
TOTAL	1,048	TOTAL	536	Both Characteristic and Listed	13,177

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	26			IGN. W/ AT LEAST 1 LSTD	13,117
HAS CORROSIVE CODE	365			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	3			REACT. W/ AT LEAST 1 LSTD	2
HAS D004-D017 CODE	379			D004-17 W/ AT LEAST 1 LSTD	62
HAS D018-D043 CODE	5			D018-43 W/ AT LEAST 1 LSTD	5
		HAS AN F CODE	83	F WASTE W/ AT LEAST 1 CHAR	13,168
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	10
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	83	U WASTE W/ AT LEAST 1 CHAR	1
TOTAL	388	TOTAL	83	TOTAL	13,177

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

SOUTH CAROLINA**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 26

7 Quantity of RCRA Hazardous Waste Managed: 329,906 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	SCD003351699	GIANT CEMENT COMPANY	HARLEYVILLE	110,768
2	SCD003368891	HOLNAM INC SAFETY KLEEN SYSTEMS INC	HOLLY HILL	95,550
3	SCD070375985	SAFETY KLEEN (PINWOOD), INC	PINEWOOD	57,252
4	SCD036275626	SOUTHEASTERN CHEMICALS & SOLVENTS CO	SUMTER	40,548
5	SCD077995488	SAFETY KLEEN SYSTEMS INC LEXINGTON	LEXINGTON	19,046
6	SCD043384072	ALBEMARLE CORP ORANGEBURG PLT	ORANGEBURG	3,362
7	SCD980500052	3V INC	GEORGETOWN	2,627
8	SCD070371885	PHIBRO TECH INC	SUMTER	636
9	SCD044442333	PETRO CHEM SC	ROCK HILL	114
10	SC9570090002	USAF-POINSETT ELECTRONIC COMBAT RANGE	WEDGEFIELD	1
11	SC3210020449	USATC & FORT JACKSON	FORT JACKSON	1
Total				329,906

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

SOUTH CAROLINA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	2	0.0	1	9.1
SOLVENTS RECOVERY	M021-M029	59,594	18.1	3	27.3
OTHER RECOVERY	M031-M039	3,378	1.0	3	27.3
INCINERATION	M041-M049	209,681	63.6	4	36.4
STABILIZATION	M111-M119	16	0.0	1	9.1
DEEPWELL / UNDERGROUND INJECTION	M134	57,236	17.3	1	9.1
		329,906	100.0	11	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	209,681	63.6	4	36.4
SOLVENTS RECOVERY	M021-M029	59,594	18.1	3	27.3
DEEPWELL / UNDERGROUND INJECTION	M134	57,236	17.3	1	9.1
OTHER RECOVERY	M031-M039	3,378	1.0	3	27.3
STABILIZATION	M111-M119	16	0.0	1	9.1
METALS RECOVERY	M011-M019	2	0.0	1	9.1
		329,906	100.0	11	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	209,681	63.6	4	36.4
SOLVENTS RECOVERY	M021-M029	59,594	18.1	3	27.3
OTHER RECOVERY	M031-M039	3,378	1.0	3	27.3
METALS RECOVERY	M011-M019	2	0.0	1	9.1
STABILIZATION	M111-M119	16	0.0	1	9.1
DEEPWELL / UNDERGROUND INJECTION	M134	57,236	17.3	1	9.1
		329,906	100.0	11	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

SOUTH CAROLINA

1999 WASTE SHIPMENTS

Tables 12, 13, and 14 have been omitted from this report because there were no facilities in the State of South Carolina that reported shipping RCRA hazardous waste in 1999.

SOUTH CAROLINA

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 10
- 16 Quantity of RCRA Hazardous Waste Received: 334,903 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	SCD003351699	GIANT CEMENT COMPANY	HARLEYVILLE	113,248
2	SCD003368891	HOLNAM INC SAFETY KLEEN SYSTEMS INC	HOLLY HILL	95,550
3	SCD070375985	SAFETY KLEEN (PINWOOD), INC	PINWOOD	62,430
4	SCD036275626	SOUTHEASTERN CHEMICALS & SOLVENTS CO	SUMTER	40,548
5	SCD077995488	SAFETY KLEEN SYSTEMS INC LEXINGTON	LEXINGTON	19,152
6	SCD070371885	PHIBRO TECH INC	SUMTER	3,435
7	SCD981031040	SAFETY KLEEN SYSTEMS INC GREER	GREER	420
8	SCD044442333	PETRO CHEM SC	ROCK HILL	114
9	SCD069314045	MILLIKEN CHEMICAL-DEWEY PLANT	INMAN	4
10	SC9570090002	USAF-POINSETT ELECTRONIC COMBAT RANGE	WEDGEFIELD	1
Total				334,903

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

SOUTH CAROLINA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	2	0.0	1	12.5
SOLVENTS RECOVERY	M021-M029	59,527	18.4	2	25.0
OTHER RECOVERY	M031-M039	750	0.2	2	25.0
INCINERATION	M041-M049	206,319	63.7	3	37.5
STABILIZATION	M111-M119	16	0.0	1	12.5
DEEPWELL / UNDERGROUND INJECTION	M134	57,221	17.7	1	12.5
		323,835	100.0	8	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	206,319	63.7	3	37.5
SOLVENTS RECOVERY	M021-M029	59,527	18.4	2	25.0
DEEPWELL / UNDERGROUND INJECTION	M134	57,221	17.7	1	12.5
OTHER RECOVERY	M031-M039	750	0.2	2	25.0
STABILIZATION	M111-M119	16	0.0	1	12.5
METALS RECOVERY	M011-M019	2	0.0	1	12.5
		323,835	100.0	8	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	206,319	63.7	3	37.5
SOLVENTS RECOVERY	M021-M029	59,527	18.4	2	25.0
OTHER RECOVERY	M031-M039	750	0.2	2	25.0
METALS RECOVERY	M011-M019	2	0.0	1	12.5
STABILIZATION	M111-M119	16	0.0	1	12.5
DEEPWELL / UNDERGROUND INJECTION	M134	57,221	17.7	1	12.5
		323,835	100.0	8	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

SOUTH CAROLINA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 239,946 Tons

22 Quantity of RCRA Hazardous Waste Exported: 0 Tons

SOUTH DAKOTA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 21
- 2 Quantity of RCRA Hazardous Waste Generated: 1,074 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	SDD078668696	3M HEALTH CARE	BROOKINGS	284
2	SDD061536843	WHEELER LUMBER L.L.C.	WHITEWOOD	219
3	SDD096407838	ALCOA EXTRUSIONS, INCORPORATED	YANKTON	205
4	SDD981545577	STAR CIRCUITS, INCORPORATED	BROOKINGS	95
5	SDD982596942	ANGUS INDUSTRIES, INCORPORATED	WATERTOWN	66
6	SDD980635783	SMITH EQUIPMENT	WATERTOWN	29
7	SDD094698321	STARMARK, INCORPORATED	SIOUX FALLS	25
8	SDD078013760	CR INDUSTRIES	SPRINGFIELD	21
9	SDD000716696	SAFETY-KLEEN SYSTEMS	SIOUX FALLS	18
10	SDD982649766	TRAIL KING INDUSTRIES, INC.	MITCHELL	16
11	SDD049521511	DAKTRONICS, INCORPORATED	BROOKINGS	16
12	SDD068642222	SCI SYSTEMS, INCORPORATED	RAPID CITY	14
13	SDD000003855	CCL LABEL/SIOUX FALLS INC.	SIOUX FALLS	13
14	SD2571924644	ELLSWORTH AIR FORCE BASE	ELLSWORTH AFB	11
15	SDD068655018	TRAIL KING INDUSTRIES, INCORPORATED	MITCHELL	11
16	SDR000000265	BLACK HILLS ARMY DEPOT	IGLOO	10
17	SDD007262215	VISHAY DALE ELECTRONICS	YANKTON	8
18	SDD981549538	DAKOTA FINISHING	WATERTOWN	6
19	SDD982649717	JOHN MORRELL & COMPANY	SIOUX FALLS	5
20	SDD109101030	ELSTON MANUFACTURING	SIOUX FALLS	2
21	SDD041243833	HOMESTAKE MINING COMPANY	LEAD	0
Total				1,074

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

SOUTH DAKOTA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	45	ONLY AN F CODE	150		
ONLY CORROSIVE	11	ONLY A K CODE	192		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	26	ONLY A U CODE	0		
ONLY D018-43	1				
HAS MORE THAN ONE CHARACTERISTIC CODE	86	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	169	TOTAL	342	Both Characteristic and Listed	563

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	18			IGN. W/ AT LEAST 1 LSTD	536
HAS CORROSIVE CODE	68			CORR. W/ AT LEAST 1 LSTD	3
HAS REACTIVE CODE	1			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	80			D004-17 W/ AT LEAST 1 LSTD	31
HAS D018-D043 CODE	7			D018-43 W/ AT LEAST 1 LSTD	297
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	560
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	3
TOTAL	86	TOTAL	0	TOTAL	563

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

SOUTH DAKOTA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 1

7 Quantity of RCRA Hazardous Waste Managed: 0 Tons

Table 8 has been omitted from this report because there were no facilities in the State of South Dakota that reported managing RCRA hazardous waste in 1999 other than as a storage-only facility.

SOUTH DAKOTA

1999 WASTE MANAGEMENT, CONTINUED

Tables 9, 10, and 11 have been omitted from this report because there were no facilities in the State of South Dakota that reported managing RCRA hazardous waste in 1999 other than as a storage-only facility.

SOUTH DAKOTA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 21

13 Quantity of RCRA Hazardous Waste Shipped: 1,456 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	SDD000716696	SAFETY-KLEEN SYSTEMS	SIOUX FALLS	449
2	SDD078668696	3M HEALTH CARE	BROOKINGS	284
3	SDD061536843	WHEELER LUMBER L.L.C.	WHITEWOOD	219
4	SDD096407838	ALCOA EXTRUSIONS, INCORPORATED	YANKTON	205
5	SDD981545577	STAR CIRCUITS, INCORPORATED	BROOKINGS	87
6	SDD982596942	ANGUS INDUSTRIES, INCORPORATED	WATERTOWN	28
7	SDD980635783	SMITH EQUIPMENT	WATERTOWN	27
8	SDD094698321	STARMARK, INCORPORATED	SIOUX FALLS	25
9	SDD078013760	CR INDUSTRIES	SPRINGFIELD	20
10	SDD982649766	TRAIL KING INDUSTRIES, INC.	MITCHELL	16
11	SDD049521511	DAKTRONICS, INCORPORATED	BROOKINGS	16
12	SDD068642222	SCI SYSTEMS, INCORPORATED	RAPID CITY	14
13	SDD000003855	CCL LABEL/SIOUX FALLS INC.	SIOUX FALLS	13
14	SDD068655018	TRAIL KING INDUSTRIES, INCORPORATED	MITCHELL	11
15	SD2571924644	ELLSWORTH AIR FORCE BASE	ELLSWORTH AFB	10
16	SDR000000265	BLACK HILLS ARMY DEPOT	IGLOO	10
17	SDD981549538	DAKOTA FINISHING	WATERTOWN	7
18	SDD007262215	VISHAY DALE ELECTRONICS	YANKTON	6
19	SDD982649717	JOHN MORRELL & COMPANY	SIOUX FALLS	4
20	SDD109101030	ELSTON MANUFACTURING	SIOUX FALLS	3
21	SDD041243833	HOMESTAKE MINING COMPANY	LEAD	0
Total				1,456

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

SOUTH DAKOTA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 1

16 Quantity of RCRA Hazardous Waste Received: 279 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	SDD000716696	SAFETY-KLEEN SYSTEMS	SIOUX FALLS	279
Total				279

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

SOUTH DAKOTA

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the State of South Dakota that reported receiving RCRA hazardous waste in 1999 other than as a storage-only facility.

SOUTH DAKOTA

1999 IMPORTS AND EXPORTS

- 21 Quantity of RCRA Hazardous Waste Imported: 107 Tons**

- 22 Quantity of RCRA Hazardous Waste Exported: 1,455 Tons**

TENNESSEE

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 396
- 2 Quantity of RCRA Hazardous Waste Generated: 2,218,753 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	TND007024664	VELSICOL CHEMICAL	MEMPHIS	1,118,851
2	TND053983862	ALLTRISTA ZINC PRODUCTS L.P.	GREENEVILLE	216,001
3	TND003337292	OLIN CORPORATION - CHARLESTON PLANT	CHARLESTON	203,286
4	TND003376928	TENN EASTMAN DIVISION OF EASTMAN CHEMICA	KINGSPORT	156,506
5	TND095050019	YALE SECURITY INC.	LENOIR CITY	130,942
6	TND982139115	UNISYS EARHART SITE, BRISTOL, TN	BRISTOL	99,369
7	TND004048690	METALICO - COLLEGE GROVE INC	COLLEGE GROVE	40,970
8	TN0000590612	EXIDE CORPORATION	BRISTOL	25,202
9	TND081460651	SAVAGE ZINC INC	CLARKSVILLE	23,153
10	TND003329513	CANNON EQUIPMENT SOUTHEAST INC	CHATTANOOGA	21,946
11	TND004038550	AVECIA EAST	MT PLEASANT	21,157
12	TND071530620	SNAP-ON TOOLS CORPORATION	JOHNSON CITY	17,096
13	TN0890090004	U S DOE EAST TN TECHNOLOGY PARK	OAK RIDGE	12,873
14	TND067690040	REFINED METALS CORPORATION	MEMPHIS	12,355
15	TND002992287	AMERISTEEL	JACKSON	12,082
16	TND980847024	EXCEL TSD INC	MEMPHIS	9,260
17	TNR000005793	BIRMINGHAM STEEL CORPORATION	MEMPHIS	8,746
18	TND047000898	WILLIAM L BONNELL CO., INC., THE	CARTHAGE	8,090
19	TNR000006270	ADVANCED PLATING INC	NASHVILLE	7,948
20	TND000645770	SAFETY-KLEEN (TS) INC	GREENBRIER	7,471
21	TND980845838	VOLVO PENTA OF THE AMERICAS-LEXINGTON	LEXINGTON	6,304
22	TND980709950	ROBERTSHAW TENNESSEE	CARTHAGE	5,017
23	TND101768182	CALSONIC NORTH AMERICA	SHELBYVILLE	4,392
24	TND987776440	DEWAYNE'S QUALITY METAL COATINGS CO.	LEXINGTON	4,107
25	TND058660390	ROHM AND HAAS COMPANY	KNOXVILLE	4,068
26	TND982152324	BEKAERT CORPORATION DYERSBURG	INDUSTRIAL PARK	3,700
27	TND981023674	FUJI HUNT SPECIALTY PRODUCTS COMPANY C	DAYTON	2,896
28	TND095686473	HOEGANAES CORPORATION, GALLATIN PLANT	GALLATIN	2,790
29	TN3890090001	U.S. DOE Y-12 PLANT	OAK RIDGE	2,779
30	TND003332012	WHELAND FOUNDRY DIV OF N AMERICAN ROYALT	CHATTANOOGA	2,764
31	TND061314803	VELSICOL CHEMICAL CORP	CHATTANOOGA	1,891
32	TND081464810	TECHNICAL PLATING & RUBBER, INC	WATERTOWN	1,512
33	TND078217726	NASHVILLE THERMAL TRANSFER CORPORATION	NASHVILLE	1,270
34	TND054481205	NISSAN NORTH AMERICA INC	SMYRNA	858
35	TND083525634	AVECIA WEST	MT PLEASANT	808
36	TND003383551	ALCOA INC (SOUTH PLANT)	ALCOA	792
37	TND034871350	ARVIN KAYABA GABRIEL RIDE CONTROL PRODUC	PULASKI	790
38	TND987789583	INEOS ACRYLICS-MEMPHIS (FITE RD)	MEMPHIS	740
39	TND000772186	POLLUTION CONTROL INDUSTRIES OF TENNESSE	MILLINGTON	619
40	TND981474125	SAFETY-KLEEN SYSTEMS INC 3-109-01	NASHVILLE	592
41	TND980316301	U.S. PIPE & FOUNDRY CO.-VALVE & FITTING	CHATTANOOGA	580
42	TND980840524	GREAT LAKES CHEMICAL CORPORATION	NEWPORT	572
43	TND000614321	SAFETY-KLEEN (GS) INC	MILLINGTON	546
44	TND982109142	DIVERSIFIED SCIENTIFIC SERVICES INC (DSS	KINGSTON	505
45	TND008041717	NORTH AMERICAN GALVANIZING CO	NASHVILLE	500
46	TND078565249	GENERAL ELECTRIC CO	SELMER	435
47	TN6210020933	VOLUNTEER ARMY AMMUNITION PLANT	CHATTANOOGA	416
48	TND034575308	W.R. GRACE & CO.-CONN DAVISON CHEMICAL D	CHATTANOOGA	405
49	TND120603170	PENN SPECIALTY CHEMICALS INC	MEMPHIS	400
50	TN0210020582	MILAN ARMY AMMUNITION PLANT	MILAN	351
Total				2,206,705

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

TENNESSEE

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	2,240	ONLY AN F CODE	358,000		
ONLY CORROSIVE	39,322	ONLY A K CODE	12,722		
ONLY REACTIVE	127	ONLY A P CODE	95		
ONLY D004-17	271,411	ONLY A U CODE	100,596		
ONLY D018-43	1,234				
HAS MORE THAN ONE CHARACTERISTIC CODE	1,305,827	HAS MORE THAN ONE LISTED CODE	2,994		
TOTAL	1,620,162	TOTAL	474,406	Both Characteristic and Listed	124,157

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	18,268			IGN. W/ AT LEAST 1 LSTD	31,520
HAS CORROSIVE CODE	1,292,519			CORR. W/ AT LEAST 1 LSTD	84,376
HAS REACTIVE CODE	7,176			REACT. W/ AT LEAST 1 LSTD	4,055
HAS D004-D017 CODE	176,089			D004-17 W/ AT LEAST 1 LSTD	25,140
HAS D018-D043 CODE	1,123,450			D018-43 W/ AT LEAST 1 LSTD	4,824
		HAS AN F CODE	2,382	F WASTE W/ AT LEAST 1 CHAR	110,174
		HAS A K CODE	2,315	K WASTE W/ AT LEAST 1 CHAR	13,408
		HAS A P CODE	613	P WASTE W/ AT LEAST 1 CHAR	261
		HAS A U CODE	677	U WASTE W/ AT LEAST 1 CHAR	990
TOTAL	1,305,827	TOTAL	2,994	TOTAL	124,157

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

TENNESSEE

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 28

7 Quantity of RCRA Hazardous Waste Managed: 1,551,844 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	TND007024664	VELSICOL CHEMICAL	MEMPHIS	1,118,487
2	TND003337292	OLIN CORPORATION - CHARLESTON PLANT	CHARLESTON	203,233
3	TND003376928	TENN EASTMAN DIVISION OF EASTMAN CHEMICA	KINGSPORT	150,918
4	TND004048690	METALICO - COLLEGE GROVE INC	COLLEGE GROVE	40,970
5	TND002992287	AMERISTEEL	JACKSON	10,405
6	TND000645770	SAFETY-KLEEN (TS) INC	GREENBRIER	7,865
7	TND980847024	EXCEL TSD INC	MEMPHIS	6,461
8	TND058660390	ROHM AND HAAS COMPANY	KNOXVILLE	3,960
9	TND000772186	POLLUTION CONTROL INDUSTRIES OF TENNESSE	MILLINGTON	3,010
10	TN0890090004	U S DOE EAST TN TECHNOLOGY PARK	OAK RIDGE	1,192
11	TN3890090001	U.S. DOE Y-12 PLANT	OAK RIDGE	1,008
12	TND061314803	VELSICOL CHEMICAL CORP	CHATTANOOGA	888
13	TND981474125	SAFETY-KLEEN SYSTEMS INC 3-109-01	NASHVILLE	844
14	TND987777695	SAFETY-KLEEN SYSTEMS INC	KNOXVILLE	509
15	TND000614321	SAFETY-KLEEN (GS) INC	MILLINGTON	466
16	TND982109142	DIVERSIFIED SCIENTIFIC SERVICES INC (DSS	KINGSTON	437
17	TND987789583	INEOS ACRYLICS-MEMPHIS (FITE RD)	MEMPHIS	393
18	TN0210020582	MILAN ARMY AMMUNITION PLANT	MILAN	317
19	TND987775749	CELSIUS AEROTECH INC	NASHVILLE	315
20	TND003095635	NUCLEAR FUEL SERVICES, INC	ERWIN	105
21	TN1890090003	U.S. DOE, OAK RIDGE NATIONAL LABORATORY	OAK RIDGE	24
22	TN8570024044	ARNOLD ENGINEERING DEVELOPMENT CENTER/SDT	TULLAHOMA	18
23	TND095053682	FIVE RIVERS MFG LLC	GREENEVILLE	10
24	TN5210020421	HOLSTON ARMY AMMUNITION PLANT	KINGSPORT	6
25	TN2170022600	NAVAL SUPPORT ACTIVITY MID-SOUTH	MEMPHIS	2
26	TND982086969	AMERICAN ECOLOGY RECYCLE CENTER INC	OAK RIDGE	2
Total				1,551,844

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

TENNESSEE

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	3.8
SOLVENTS RECOVERY	M021-M029	635	0.0	4	15.4
INCINERATION	M041-M049	156,712	10.1	12	46.2
STABILIZATION	M111-M119	200	0.0	3	11.5
LANDFILL	M132	3,853	0.2	5	19.2
DEEPWELL / UNDERGROUND INJECTION	M134	134	0.0	4	15.4
OTHER DISPOSAL	M137	1,390,310	89.6	23	88.5
		1,551,844	100.0	26	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER DISPOSAL	M137	1,390,310	89.6	23	88.5
INCINERATION	M041-M049	156,712	10.1	12	46.2
LANDFILL	M132	3,853	0.2	5	19.2
SOLVENTS RECOVERY	M021-M029	635	0.0	4	15.4
STABILIZATION	M111-M119	200	0.0	3	11.5
DEEPWELL / UNDERGROUND INJECTION	M134	134	0.0	4	15.4
METALS RECOVERY	M011-M019	0	0.0	1	3.8
		1,551,844	100.0	26	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER DISPOSAL	M137	1,390,310	89.6	23	88.5
INCINERATION	M041-M049	156,712	10.1	12	46.2
LANDFILL	M132	3,853	0.2	5	19.2
SOLVENTS RECOVERY	M021-M029	635	0.0	4	15.4
DEEPWELL / UNDERGROUND INJECTION	M134	134	0.0	4	15.4
STABILIZATION	M111-M119	200	0.0	3	11.5
METALS RECOVERY	M011-M019	0	0.0	1	3.8
		1,551,844	100.0	26	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

TENNESSEE

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 295

13 Quantity of RCRA Hazardous Waste Shipped: 57,650 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	TN0890090004	U S DOE EAST TN TECHNOLOGY PARK	OAK RIDGE	12,087
2	TND000645770	SAFETY-KLEEN (TS) INC	GREENBRIER	7,446
3	TND980847024	EXCEL TSD INC	MEMPHIS	6,178
4	TND095686473	HOEGANAES CORPORATION, GALLATIN PLANT	GALLATIN	2,812
5	TND003376928	TENN EASTMAN DIVISION OF EASTMAN CHEMICA	KINGSPORT	2,075
6	TND067690040	REFINED METALS CORPORATION	MEMPHIS	1,902
7	TN3890090001	U.S. DOE Y-12 PLANT	OAK RIDGE	1,817
8	TND002992287	AMERISTEEL	JACKSON	1,677
9	TND078217726	NASHVILLE THERMAL TRANSFER CORPORATION	NASHVILLE	1,316
10	TND061314803	VELSICOL CHEMICAL CORP	CHATTANOOGA	1,003
11	TND004038550	AVECIA EAST	MT PLEASANT	942
12	TND054481205	NISSAN NORTH AMERICA INC	SMYRNA	870
13	TND083525634	AVECIA WEST	MT PLEASANT	818
14	TND034871350	ARVIN KAYABA GABRIEL RIDE CONTROL PRODUC	PULASKI	793
15	TND003383551	ALCOA INC (SOUTH PLANT)	ALCOA	792
16	TND000772186	POLLUTION CONTROL INDUSTRIES OF TENNESSE	MILLINGTON	564
17	TND980840524	GREAT LAKES CHEMICAL CORPORATION	NEWPORT	548
18	TND008041717	NORTH AMERICAN GALVANIZING CO	NASHVILLE	500
19	TND000614321	SAFETY-KLEEN (GS) INC	MILLINGTON	453
20	TN6210020933	VOLUNTEER ARMY AMMUNITION PLANT	CHATTANOOGA	416
21	TND120603170	PENN SPECIALTY CHEMICALS INC	MEMPHIS	398
22	TND034575308	W.R. GRACE & CO.-CONN DAVISON CHEMICAL D	CHATTANOOGA	397
23	TND007024664	VELSICOL CHEMICAL	MEMPHIS	364
24	TND981468648	SATURN CORPORATION	SPRING HILL	343
25	TND987789583	INEOS ACRYLICS-MEMPHIS (FITE RD)	MEMPHIS	326
26	TND981023674	FUJI HUNT SPECIALTY PRODUCTS COMPANY C	DAYTON	316
27	TND063737316	TENNESSEE GAS PIPELINE COMPANY	NUNNELLY	316
28	TNR000007666	BANK OF AMERICAN ESD NO. 63327	MEMPHIS	314
29	TND981474125	SAFETY-KLEEN SYSTEMS INC 3-109-01	NASHVILLE	302
30	TNR000001842	DELTA FAUCET COMPANY OF TENNESSEE INC	JACKSON	300
31	TND066723263	DP HOLDINGS INC DBA DAVIS PIPE	BLOUNTVILLE	299
32	TND078565249	GENERAL ELECTRIC CO	SELMER	291
33	TND041150533	AMERISTEEL KNOXVILLE STEEL MILL DIV.	KNOXVILLE	286
34	TN0000317289	SAFETY-KLEEN SYSTEMS INC (3-026-01)	PINEY FLATS	274
35	TND030686430	WESTVACO-CONSUMER PACKAGING DIVISION	CLEVELAND	251
36	TND047000898	WILLIAM L BONNELL CO., INC., THE	CARTHAGE	241
37	TND004042057	THE AEROSTRUCTURES CORPORATION	NASHVILLE	220
38	TND980837892	EASTERN PLATING INC	NEWPORT	202
39	TND003329083	SOUTH ATLANTIC GALVANIZING LLC	EAST	194
40	TND982157570	GTS-DURATEK	OAK RIDGE	192
41	TND077656197	LTV COPPERWELD FAYETTEVILLE DIVISION	FAYETTEVILLE	186
42	TND075376202	BATESVILLE MANUFACTURING INC	MANCHESTER	176
43	TND004044780	MURRAY INC	LAWRENCEBURG	174
44	TN0210020582	MILAN ARMY AMMUNITION PLANT	MILAN	168
45	TNR000008078	THE TERMINIX INTERNATIONAL CO L.P.	MEMPHIS	157
46	TND980559702	QUEBECOR PRINTING DICKSON INC	DICKSON	147
47	TNR000005900	PFIZER INC	MEMPHIS	147
48	TND049115348	DOVER ELEVATOR SYSTEMS	MIDDLETON	144
49	TND004036570	RHODIA INC	NASHVILLE	143
50	TN0000590612	EXIDE CORPORATION	BRISTOL	139
Total				52,415

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

TENNESSEE

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 11
- 16 Quantity of RCRA Hazardous Waste Received: 18,354 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	TND000645770	SAFETY-KLEEN (TS) INC	GREENBRIER	7,840
2	TND980847024	EXCEL TSD INC	MEMPHIS	5,693
3	TND000772186	POLLUTION CONTROL INDUSTRIES OF TENNESSE	MILLINGTON	2,812
4	TND981474125	SAFETY-KLEEN SYSTEMS INC 3-109-01	NASHVILLE	554
5	TN0890090004	U S DOE EAST TN TECHNOLOGY PARK	OAK RIDGE	433
6	TND000614321	SAFETY-KLEEN (GS) INC	MILLINGTON	357
7	TND987777695	SAFETY-KLEEN SYSTEMS INC	KNOXVILLE	300
8	TND003376928	TENN EASTMAN DIVISION OF EASTMAN CHEMICA	KINGSPORT	169
9	TN0210020582	MILAN ARMY AMMUNITION PLANT	MILAN	134
10	TN3890090001	U.S. DOE Y-12 PLANT	OAK RIDGE	55
11	TN1890090003	U.S. DOE, OAK RIDGE NATIONAL LABORATORY	OAK RIDGE	6
Total				18,354

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

TENNESSEE

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	9.1
INCINERATION	M041-M049	5,950	32.4	3	27.3
STABILIZATION	M111-M119	0	0.0	1	9.1
LANDFILL	M132	360	2.0	2	18.2
DEEPWELL / UNDERGROUND INJECTION	M134	26	0.1	1	9.1
OTHER DISPOSAL	M137	12,018	65.5	8	72.7
		18,354	100.0	11	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER DISPOSAL	M137	12,018	65.5	8	72.7
INCINERATION	M041-M049	5,950	32.4	3	27.3
LANDFILL	M132	360	2.0	2	18.2
DEEPWELL / UNDERGROUND INJECTION	M134	26	0.1	1	9.1
METALS RECOVERY	M011-M019	0	0.0	1	9.1
STABILIZATION	M111-M119	0	0.0	1	9.1
		18,354	100.0	11	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER DISPOSAL	M137	12,018	65.5	8	72.7
INCINERATION	M041-M049	5,950	32.4	3	27.3
LANDFILL	M132	360	2.0	2	18.2
METALS RECOVERY	M011-M019	0	0.0	1	9.1
STABILIZATION	M111-M119	0	0.0	1	9.1
DEEPWELL / UNDERGROUND INJECTION	M134	26	0.1	1	9.1
		18,354	100.0	11	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

TENNESSEE

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 13,666 Tons

22 Quantity of RCRA Hazardous Waste Exported: 51,523 Tons

TEXAS

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 907
- 2 Quantity of RCRA Hazardous Waste Generated: 14,923,520 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	TXD008123317	DU PONT DE NEMOURS & CO., E.I.	VICTORIA	2,953,867
2	TXD008080533	AMOCO OIL COMPANY	TEXAS CITY	2,446,339
3	TXD001700806	SOLUTIA, INC.	ALVIN	2,382,761
4	TXD059685339	DIAMOND SHAMROCK REFINING COMPANY, L.P.	SUNRAY	1,347,628
5	TXD008081101	E.I. DUPONT DE NEMOURS & COMPANY	BEAUMONT	1,311,309
6	TXD008079642	E.I. DUPONT DE NEMOURS & COMPANY	ORANGE	826,987
7	TXD008106999	MERISOL USA LLC	HOUSTON	519,891
8	TXD083472266	LYONDELL CHEMICAL COMPANY	CHANNELVIEW	472,711
9	TXD078432457	CELANESE LTD.	PASADENA	326,148
10	TXD008081697	BASF CORPORATION	FREEPORT	286,155
11	TXR000036251	CHEMICAL WASTE MANAGEMENT, INC.	PORT ARTHUR	252,602
12	TXD087491973	ASARCO INCORPORATED	AMARILLO	242,808
13	TXD008092793	THE DOW CHEMICAL COMPANY, TEXAS OPERATIO	FREEPORT	183,966
14	TXD008079527	STERLING CHEMICALS, INC.	TEXAS CITY	136,180
15	TXD008076846	HUNTSMAN PETROCHEMICAL CORPORATION	PORT NECHES	76,810
16	TXD049213127	CK WITCO CORPORATION	MARSHALL	73,756
17	TXD058275769	EQUISTAR CHEMICALS, LP	CHANNELVIEW	72,304
18	TXD007376700	CELANESE LTD.	PAMPA	55,265
19	TXD007330202	TEXAS EASTMAN DIVISION	LONGVIEW	54,264
20	TXD058265067	LYONDELL CHEMICAL WORLDWIDE, INC.	PASADENA	48,248
21	TXD000719518	DISPOSAL SYSTEMS INC.	DEER PARK	40,170
22	TXD055141378	SAFETY-KLEEN (DEER PARK), INC.	DEER PARK	38,188
23	TXD000751172	BP CHEMICALS INC.	BLOOMINGTON	37,524
24	TXD055330997	DYNAMIC DETAILS INC	GARLAND	36,810
25	TXD008079212	E.I. DUPONT DE NEMOURS & COMPANY	LA PORTE	32,402
26	TXD982286932	OCCIDENTAL CHEMICAL CORPORATION	GREGORY	27,632
27	TXD000836445	EQUISTAR CHEMICALS, L.P.	CORPUS CHRISTI	23,501
28	TXD067285973	SHELL OIL COMPANY	DEER PARK	23,327
29	TXD987986734	GNI CHEMICALS CORPORATION, INC.	DEER PARK	21,558
30	TXD026040709	CELANESE LTD.	BAY CITY	20,744
31	TXD046844700	CHEMICAL RECLAMATION SERVICES, INC.	AVALON	20,253
32	TXD981053770	DURATHERM, INC.	SAN LEON	20,110
33	TXD058260977	BAYER CORPORATION	BAYTOWN	19,614
34	TXD066362559	CHAPARRAL STEEL MIDLOTHIAN, L.P.	MIDLOTHIAN	19,423
35	TXD000461533	UNION CARBIDE CORPORATION	TEXAS CITY	17,996
36	TXD096037932	HALTERMANN, LTD.	HOUSTON	15,907
37	TXD980624035	HEAT ENERGY ADVANCED TECHNOLOGY, INC.	DALLAS	15,375
38	TXD008119414	STRUCTURAL METALS, INC.	SEGUIN	11,605
39	TXD981911209	OXY VINYLs, LP	DEER PARK	10,579
40	TXD000836486	GB BIOSCIENCES CORPORATION	HOUSTON	10,031
41	TXD051161990	CITGO REFINING AND CHEMICALS COMPANY L.P	CORPUS CHRISTI	9,944
42	TXD006451090	GNB TECHNOLOGIES, INC.	FRISCO	8,790
43	TXD980626014	HUNTSMAN POLYMERS CORPORATION	ODESSA	8,779
44	TXT490011293	FORMOSA PLASTICS CORPORATION, TEXAS	POINT COMFORT	8,720
45	TXD008113441	TICONA POLYMERS INC	BISHOP	8,652
46	TXT490013455	ENTERPRISE PRODUCTS OPERATING L.P.	MONT BELVIEU	8,466
47	TXD069452340	TEXAS ECOLOGISTS, INC.	ROBSTOWN	8,385
48	TXD000804302	SEA LION TECHNOLOGY, INC.	TEXAS CITY	8,180
49	TXD058276130	MILLENNIUM PETROCHEMICALS INC.	LA PORTE	8,120
50	TXD093565653	GEORGIA GULF CHEMICALS & VINYLs, LLC	PASADENA	7,117
Total				14,617,898

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

TEXAS

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	244,188	ONLY AN F CODE	52,875		
ONLY CORROSIVE	252,175	ONLY A K CODE	1,111,460		
ONLY REACTIVE	4,714	ONLY A P CODE	103		
ONLY D004-17	167,689	ONLY A U CODE	299,506		
ONLY D018-43	3,915,994				
HAS MORE THAN ONE CHARACTERISTIC CODE	5,539,157	HAS MORE THAN ONE LISTED CODE	77,144		
TOTAL	10,123,917	TOTAL	1,541,089	Both Characteristic and Listed	3,258,514

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	934,797			IGN. W/ AT LEAST 1 LSTD	678,300
HAS CORROSIVE CODE	2,954,067			CORR. W/ AT LEAST 1 LSTD	2,415,525
HAS REACTIVE CODE	3,019,487			REACT. W/ AT LEAST 1 LSTD	96,437
HAS D004-D017 CODE	952,692			D004-17 W/ AT LEAST 1 LSTD	2,180,630
HAS D018-D043 CODE	4,539,065			D018-43 W/ AT LEAST 1 LSTD	847,598
		HAS AN F CODE	73,120	F WASTE W/ AT LEAST 1 CHAR	582,868
		HAS A K CODE	73,608	K WASTE W/ AT LEAST 1 CHAR	2,777,181
		HAS A P CODE	3,460	P WASTE W/ AT LEAST 1 CHAR	10,589
		HAS A U CODE	4,229	U WASTE W/ AT LEAST 1 CHAR	110,419
TOTAL	5,539,157	TOTAL	77,144	TOTAL	3,258,514

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

TEXAS

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 105

7 Quantity of RCRA Hazardous Waste Managed: 5,806,458 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	TXD001700806	SOLUTIA, INC.	ALVIN	1,114,318
2	TXD008123317	DU PONT DE NEMOURS & CO., E.I.	VICTORIA	1,066,617
3	TXD059685339	DIAMOND SHAMROCK REFINING COMPANY, L.P.	SUNRAY	661,237
4	TXD008080533	AMOCO OIL COMPANY	TEXAS CITY	554,622
5	TXD083472266	LYONDELL CHEMICAL COMPANY	CHANNELVIEW	324,872
6	TXD078432457	CELANESE LTD.	PASADENA	303,916
7	TXD008081101	E.I. DUPONT DE NEMOURS & COMPANY	BEAUMONT	299,990
8	TXR000036251	CHEMICAL WASTE MANAGEMENT, INC.	PORT ARTHUR	293,487
9	TXD000719518	DISPOSAL SYSTEMS INC.	DEER PARK	197,235
10	TXD008079527	STERLING CHEMICALS, INC.	TEXAS CITY	135,766
11	TXD008081697	BASF CORPORATION	FREEPORT	133,988
12	TXD055141378	SAFETY-KLEEN (DEER PARK), INC.	DEER PARK	122,721
13	TXD007349327	TXI OPERATIONS, LP	MIDLOTHIAN	72,996
14	TXD008076846	HUNTSMAN PETROCHEMICAL CORPORATION	PORT NECHES	69,157
15	TXD988088464	WASTE CONTROL SPECIALISTS L.L.C.	ANDREWS	56,074
16	TXD007376700	CELANESE LTD.	PAMPA	55,247
17	TXD077603371	SAFETY KLEEN SYSTEMS, INC.	DENTON	47,988
18	TXD000751172	BP CHEMICALS INC.	BLOOMINGTON	36,950
19	TXR000001016	DISPOSAL SYSTEMS OF CORPUS CHRISTI, INC.	CORPUS CHRISTI	31,094
20	TXD008099079	RHODIA INC.	HOUSTON	28,015
21	TXD026040709	CELANESE LTD.	BAY CITY	20,424
22	TXD007330202	TEXAS EASTMAN DIVISION	LONGVIEW	18,572
23	TXD046844700	CHEMICAL RECLAMATION SERVICES, INC.	AVALON	17,170
24	TXD069452340	TEXAS ECOLOGISTS, INC.	ROBSTOWN	16,907
25	TXD006451090	GNB TECHNOLOGIES, INC.	FRISCO	16,694
26	TXD982286932	OCCIDENTAL CHEMICAL CORPORATION	GREGORY	12,909
27	TXD000461533	UNION CARBIDE CORPORATION	TEXAS CITY	12,880
28	TXD980624035	HEAT ENERGY ADVANCED TECHNOLOGY, INC.	DALLAS	12,489
29	TXD008113441	TICONA POLYMERS INC	BISHOP	8,595
30	TXD008097487	ARCH CHEMICALS INC	BEAUMONT	6,054
31	TXD008117186	ENCYCLE/TEXAS, INC.	CORPUS CHRISTI	5,191
32	TXD097673149	VOPAK INDUSTRIAL SERVICES USA, INC.	DEER PARK	4,858
33	TXD065096273	ROHM & HAAS TEXAS INCORPORATED	DEER PARK	4,720
34	TXD067285973	SHELL OIL COMPANY	DEER PARK	4,619
35	TXD058276130	MILLENNIUM PETROCHEMICALS INC.	LA PORTE	4,027
36	TXD008076853	HUNTSMAN PETROCHEMICAL CORPORATION	CONROE	3,924
37	TXD981153711	CITGO REFINING AND CHEMICALS COMPANY L.P.	CORPUS CHRISTI	3,895
38	TXD086981172	ATOFINA PETROCHEMICALS INC	LA PORTE	3,679
39	TXD000719286	LBC PETROUNITED, INC.	SEABROOK	3,252
40	TXD074185141	THE GOODYEAR TIRE & RUBBER COMPANY	PASADENA	2,853
41	TXD980626014	HUNTSMAN POLYMERS CORPORATION	ODESSA	2,729
42	TXD981911209	OXY VINYL, LP	DEER PARK	2,509
43	TXD058275769	EQUISTAR CHEMICALS, LP	CHANNELVIEW	2,072
44	TXD084970169	LONZA, INC.	PASADENA	1,970
45	TXD980808778	ARISTECH CHEMICAL CORPORATION	PASADENA	1,621
46	TXD067261412	BASF CORPORATION	BEAUMONT	1,209
47	TXD980626774	PHILLIPS 66 COMPANY	BORGER	921
48	TXD000017756	THE DOW CHEMICAL COMPANY	LA PORTE	691
49	TXD055135388	TREATMENT ONE	HOUSTON	592
50	TXD008093197	NATURAL GAS ODORIZING, INC.	BAYTOWN	515
Total				5,804,832

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

TEXAS

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	13,989	0.2	6	9.2
SOLVENTS RECOVERY	M021-M029	22,828	0.4	8	12.3
OTHER RECOVERY	M031-M039	61,917	1.1	5	7.7
INCINERATION	M041-M049	166,957	2.9	18	27.7
ENERGY RECOVERY	M051-M059	526,045	9.1	30	46.2
FUEL BLENDING	M061	61,286	1.1	16	24.6
SLUDGE TREATMENT	M101-M109	47,096	0.8	2	3.1
STABILIZATION	M111-M119	73,912	1.3	6	9.2
LAND TREATMENT / APPLICATION / FARMING	M131	189	0.0	2	3.1
LANDFILL	M132	50,855	0.9	11	16.9
DEEPWELL / UNDERGROUND INJECTION	M134	4,781,153	82.3	17	26.2
OTHER DISPOSAL	M137	230	0.0	2	3.1
		5,806,458	100.0	65	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
DEEPWELL / UNDERGROUND INJECTION	M134	4,781,153	82.3	17	26.2
ENERGY RECOVERY	M051-M059	526,045	9.1	30	46.2
INCINERATION	M041-M049	166,957	2.9	18	27.7
STABILIZATION	M111-M119	73,912	1.3	6	9.2
OTHER RECOVERY	M031-M039	61,917	1.1	5	7.7
FUEL BLENDING	M061	61,286	1.1	16	24.6
LANDFILL	M132	50,855	0.9	11	16.9
SLUDGE TREATMENT	M101-M109	47,096	0.8	2	3.1
SOLVENTS RECOVERY	M021-M029	22,828	0.4	8	12.3
METALS RECOVERY	M011-M019	13,989	0.2	6	9.2
OTHER DISPOSAL	M137	230	0.0	2	3.1
LAND TREATMENT / APPLICATION / FARMING	M131	189	0.0	2	3.1
		5,806,458	100.0	65	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	526,045	9.1	30	46.2
INCINERATION	M041-M049	166,957	2.9	18	27.7
DEEPWELL / UNDERGROUND INJECTION	M134	4,781,153	82.3	17	26.2
FUEL BLENDING	M061	61,286	1.1	16	24.6
LANDFILL	M132	50,855	0.9	11	16.9
SOLVENTS RECOVERY	M021-M029	22,828	0.4	8	12.3
METALS RECOVERY	M011-M019	13,989	0.2	6	9.2
STABILIZATION	M111-M119	73,912	1.3	6	9.2
OTHER RECOVERY	M031-M039	61,917	1.1	5	7.7
SLUDGE TREATMENT	M101-M109	47,096	0.8	2	3.1
LAND TREATMENT / APPLICATION / FARMING	M131	189	0.0	2	3.1
OTHER DISPOSAL	M137	230	0.0	2	3.1
		5,806,458	100.0	65	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

TEXAS

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 883

13 Quantity of RCRA Hazardous Waste Shipped: 726,670 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	TXD058275769	EQUISTAR CHEMICALS, LP	CHANNELVIEW	57,998
2	TXD058265067	LYONDELL CHEMICAL WORLDWIDE, INC.	PASADENA	48,311
3	TXD055330997	DYNAMIC DETAILS INC	GARLAND	36,810
4	TXR000036251	CHEMICAL WASTE MANAGEMENT, INC.	PORT ARTHUR	32,425
5	TXD987986734	GNI CHEMICALS CORPORATION, INC.	DEER PARK	21,558
6	TXD981053770	DURATHERM, INC.	SAN LEON	20,383
7	TXD046844700	CHEMICAL RECLAMATION SERVICES, INC.	AVALON	19,858
8	TXD058260977	BAYER CORPORATION	BAYTOWN	19,614
9	TXD066362559	CHAPARRAL STEEL MIDLOTHIAN, L.P.	MIDLOTHIAN	19,423
10	TXD096037932	HALTERMANN, LTD.	HOUSTON	15,907
11	TXD980624035	HEAT ENERGY ADVANCED TECHNOLOGY, INC.	DALLAS	15,375
12	TXD008119414	STRUCTURAL METALS, INC.	SEGUIN	11,605
13	TXD000719518	DISPOSAL SYSTEMS INC.	DEER PARK	11,022
14	TXD000836486	GB BIOSCIENCES CORPORATION	HOUSTON	10,028
15	TXD051161990	CITGO REFINING AND CHEMICALS COMPANY L.P.	CORPUS CHRISTI	9,944
16	TXD008079642	E.I. DUPONT DE NEMOURS & COMPANY	ORANGE	8,564
17	TXD008076846	HUNTSMAN PETROCHEMICAL CORPORATION	PORT NECHES	8,474
18	TXT490013455	ENTERPRISE PRODUCTS OPERATING L.P.	MONT BELVIEU	8,466
19	TXT490011293	FORMOSA PLASTICS CORPORATION, TEXAS	POINT COMFORT	8,251
20	TXD000804302	SEA LION TECHNOLOGY, INC.	TEXAS CITY	8,180
21	TXD060712858	FMC ENERGY SYSTEMS	HOUSTON	7,653
22	TXD981917024	EQUISTAR CHEMICALS, LP	VICTORIA	6,876
23	TXD074196338	PHILIP RECLAMATION SERVICES, HOUSTON INC	HOUSTON	6,662
24	TXD088474663	KOCH PETROLEUM GROUP, L.P.	CORPUS CHRISTI	6,497
25	TXD980626014	HUNTSMAN POLYMERS CORPORATION	ODESSA	6,066
26	TXR000025809	EQUISTAR CHEMICALS, LP	LA PORTE	5,987
27	TXD000792937	VALERO REFINING COMPANY-TEXAS	TEXAS CITY	5,615
28	TXD008079212	E.I. DUPONT DE NEMOURS & COMPANY	LA PORTE	5,480
29	TXD000782698	EXXON COMPANY U.S.A.	BAYTOWN	5,209
30	TXD008117186	ENCYCLE/TEXAS, INC.	CORPUS CHRISTI	5,151
31	TXD008081101	E.I. DUPONT DE NEMOURS & COMPANY	BEAUMONT	5,068
32	TXD067285973	SHELL OIL COMPANY	DEER PARK	4,927
33	TXD000461533	UNION CARBIDE CORPORATION	TEXAS CITY	4,833
34	TXD083472266	LYONDELL CHEMICAL COMPANY	CHANNELVIEW	4,724
35	TXD980809909	EXXONMOBIL CHEMICAL COMPANY	BAYTOWN	4,226
36	TXD058276130	MILLENNIUM PETROCHEMICALS INC.	LA PORTE	4,150
37	TXD048210645	PHILLIPS PETROLEUM COMPANY	OLD OCEAN	4,000
38	TXD074604166	VALERO REFINING COMPANY-TEXAS	CORPUS CHRISTI	3,906
39	TXD097673149	VOPAK INDUSTRIAL SERVICES USA, INC.	DEER PARK	3,624
40	TXD990757668	ASARCO INCORPORATED	EL PASO	3,553
41	TXD007398175	BORDER STEEL, INC.	EL PASO	3,479
42	TXD077603371	SAFETY KLEEN SYSTEMS, INC.	DENTON	3,439
43	TXD007323397	LONE STAR STEEL COMPANY	LONE STAR	3,388
44	TXD988050993	METALPLATE GALVANIZING, L.P.	HOUSTON	3,341
45	TXD096035274	MOBIL CHEMICAL COMPANY	HOUSTON	3,155
46	TXD053624193	VALERO REFINING COMPANY-TEXAS	HOUSTON	3,130
47	TXD008092793	THE DOW CHEMICAL COMPANY, TEXAS OPERATIO	FREEMPORT	3,084
48	TXD007330202	TEXAS EASTMAN DIVISION	LONGVIEW	3,046
49	TXD990757486	AIR PRODUCTS, L.P.	PASADENA	3,039
50	TXD988088910	BELVIEU ENVIRONMENTAL FUELS	MONT BELVIEU	3,035
Total				528,538

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

TEXAS

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 40

16 Quantity of RCRA Hazardous Waste Received: 722,549 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	TXD000719518	DISPOSAL SYSTEMS INC.	DEER PARK	168,428
2	TXD083472266	LYONDELL CHEMICAL COMPANY	CHANNELVIEW	98,497
3	TXD055141378	SAFETY-KLEEN (DEER PARK), INC.	DEER PARK	73,155
4	TXD007349327	TXI OPERATIONS, LP	MIDLOTHIAN	72,995
5	TXD988088464	WASTE CONTROL SPECIALISTS L.L.C.	ANDREWS	56,539
6	TXD077603371	SAFETY KLEEN SYSTEMS, INC.	DENTON	54,967
7	TXR000036251	CHEMICAL WASTE MANAGEMENT, INC.	PORT ARTHUR	49,608
8	TXR000001016	DISPOSAL SYSTEMS OF CORPUS CHRISTI, INC.	CORPUS CHRISTI	31,117
9	TXD008099079	RHODIA INC.	HOUSTON	27,939
10	TXD046844700	CHEMICAL RECLAMATION SERVICES, INC.	AVALON	20,545
11	TXD980624035	HEAT ENERGY ADVANCED TECHNOLOGY, INC.	DALLAS	13,170
12	TXD074196338	PHILIP RECLAMATION SERVICES, HOUSTON INC	HOUSTON	10,011
13	TXD069452340	TEXAS ECOLOGISTS, INC.	ROBSTOWN	8,545
14	TXD006451090	GNB TECHNOLOGIES, INC.	FRISCO	7,966
15	TXD008097487	ARCH CHEMICALS INC	BEAUMONT	6,054
16	TXD008117186	ENCYCLE/TEXAS, INC.	CORPUS CHRISTI	5,191
17	TXD982290140	SAFETY KLEEN (LA PORTE), INC.	LA PORTE	4,023
18	TXD981153711	CITGO REFINING AND CHEMICALS COMPANY L.P	CORPUS CHRISTI	3,895
19	TXD055135388	TREATMENT ONE	HOUSTON	2,067
20	TXD980745095	ASHLAND DISTRIBUTION COMPANY	GARLAND	1,836
21	TXD097673149	VOPAK INDUSTRIAL SERVICES USA, INC.	DEER PARK	1,658
22	TXD980626154	DETREX SOLVENTS DIVISION	ARLINGTON	977
23	TXD010803203	SAFETY-KLEEN CORPORATION	MISSOURI CITY	769
24	TXD052649027	SAFETY KLEEN (SAN ANTONIO), INC.	SAN ANTONIO	574
25	TXD982560294	NSSI	HOUSTON	436
26	TXD008076853	HUNTSMAN PETROCHEMICAL CORPORATION	CONROE	385
27	TXD008123317	DU PONT DE NEMOURS & CO., E.I.	VICTORIA	234
28	TXD981052061	SAFETY-KLEEN SYSTEMS, INC.	IRVING	191
29	TXD981053416	SAFETY-KLEEN SYSTEMS, INC.	FORT WORTH	158
30	TXD007330202	TEXAS EASTMAN DIVISION	LONGVIEW	138
31	TXD000729400	SAFETY-KLEEN SYSTEMS, INC.	SAN ANTONIO	126
32	TXD000747378	SAFETY-KLEEN SYSTEMS, INC.	LONGVIEW	107
33	TXD047823265	PHIBRO-TECH, INC.	GARLAND	73
34	TXD061290276	SAFETY-KLEEN SYSTEMS, INC.	ORANGE	66
35	TXD000747428	SAFETY-KLEEN SYSTEMS, INC.	WICHITA FALLS	43
36	TXD000461533	UNION CARBIDE CORPORATION	TEXAS CITY	18
37	TX8800016125	NATIONAL AERONAUTICS AND SPACE ADMINISTR	HOUSTON	18
38	TXD000747402	SAFETY-KLEEN SYSTEMS, INC.	CORPUS CHRISTI	16
39	TXD000747386	SAFETY-KLEEN	PASADENA	9
40	TXD083145656	SAFETY-KLEEN SYSTEMS, INC.	MCALLEN	5
Total				722,549

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

TEXAS

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	13,233	1.9	5	16.1
SOLVENTS RECOVERY	M021-M029	22,824	3.3	7	22.6
OTHER RECOVERY	M031-M039	6,089	0.9	3	9.7
INCINERATION	M041-M049	109,081	15.8	7	22.6
ENERGY RECOVERY	M051-M059	147,738	21.5	12	38.7
FUEL BLENDING	M061	61,286	8.9	16	51.6
SLUDGE TREATMENT	M101-M109	0	0.0	1	3.2
STABILIZATION	M111-M119	51,196	7.4	4	12.9
LANDFILL	M132	14,526	2.1	6	19.4
DEEPWELL / UNDERGROUND INJECTION	M134	262,447	38.1	6	19.4
OTHER DISPOSAL	M137	1	0.0	1	3.2
		688,421	100.0	31	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
DEEPWELL / UNDERGROUND INJECTION	M134	262,447	38.1	6	19.4
ENERGY RECOVERY	M051-M059	147,738	21.5	12	38.7
INCINERATION	M041-M049	109,081	15.8	7	22.6
FUEL BLENDING	M061	61,286	8.9	16	51.6
STABILIZATION	M111-M119	51,196	7.4	4	12.9
SOLVENTS RECOVERY	M021-M029	22,824	3.3	7	22.6
LANDFILL	M132	14,526	2.1	6	19.4
METALS RECOVERY	M011-M019	13,233	1.9	5	16.1
OTHER RECOVERY	M031-M039	6,089	0.9	3	9.7
OTHER DISPOSAL	M137	1	0.0	1	3.2
SLUDGE TREATMENT	M101-M109	0	0.0	1	3.2
		688,421	100.0	31	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	61,286	8.9	16	51.6
ENERGY RECOVERY	M051-M059	147,738	21.5	12	38.7
SOLVENTS RECOVERY	M021-M029	22,824	3.3	7	22.6
INCINERATION	M041-M049	109,081	15.8	7	22.6
LANDFILL	M132	14,526	2.1	6	19.4
DEEPWELL / UNDERGROUND INJECTION	M134	262,447	38.1	6	19.4
METALS RECOVERY	M011-M019	13,233	1.9	5	16.1
STABILIZATION	M111-M119	51,196	7.4	4	12.9
OTHER RECOVERY	M031-M039	6,089	0.9	3	9.7
SLUDGE TREATMENT	M101-M109	0	0.0	1	3.2
OTHER DISPOSAL	M137	1	0.0	1	3.2
		688,421	100.0	31	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

TEXAS

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 223,588 Tons

22 Quantity of RCRA Hazardous Waste Exported: 238,777 Tons

TRUST TERRITORIES

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 4
- 2 Quantity of RCRA Hazardous Waste Generated: 827 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	TT0570090001	USARMY CHEMICAL ACTIVITY PACIFIC/JACADS	JOHNSTON ATOLL	708
2	TT5210090002	USARMY KWAJALEIN ATOLL	REPUBLIC OF MARSHALL ISL	49
3	TTD987866035	USAF WAKE ISLAND AIR FIELD	WAKE ISLAND	40
4	TT9570090002	USAF DETACHMENT 1 15TH AIR BASE WING	APO	30
Total				827

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

TRUST TERRITORIES

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	10	ONLY AN F CODE	1		
ONLY CORROSIVE	0	ONLY A K CODE	0		
ONLY REACTIVE	202	ONLY A P CODE	0		
ONLY D004-17	497	ONLY A U CODE	0		
ONLY D018-43	1				
HAS MORE THAN ONE CHARACTERISTIC CODE	76	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	786	TOTAL	1	Both Characteristic and Listed	40

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	35			IGN. W/ AT LEAST 1 LSTD	34
HAS CORROSIVE CODE	42			CORR. W/ AT LEAST 1 LSTD	1
HAS REACTIVE CODE	41			REACT. W/ AT LEAST 1 LSTD	1
HAS D004-D017 CODE	27			D004-17 W/ AT LEAST 1 LSTD	37
HAS D018-D043 CODE	33			D018-43 W/ AT LEAST 1 LSTD	39
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	39
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	1
TOTAL	76	TOTAL	0	TOTAL	40

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

TRUST TERRITORIES**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 1

7 Quantity of RCRA Hazardous Waste Managed: 185 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	TT0570090001	USARMY CHEMICAL ACTIVITY PACIFIC/JACADS	JOHNSTON ATOLL	185
Total				185

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

TRUST TERRITORIES

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	185	100.0	1	100.0
		185	100.0	1	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	185	100.0	1	100.0
		185	100.0	1	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	185	100.0	1	100.0
		185	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
 Columns may not sum due to rounding.
 Number of Facilities column may not sum to total because facilities may have multiple handling methods.

TRUST TERRITORIES

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 4

13 Quantity of RCRA Hazardous Waste Shipped: 566 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	TT0570090001	USARMY CHEMICAL ACTIVITY PACIFIC/JACADS	JOHNSTON ATOLL	460
2	TTD987866035	USAF WAKE ISLAND AIR FIELD	WAKE ISLAND	40
3	TT5210090002	USARMY KWAJALEIN ATOLL	REPUBLIC OF MARSHALL ISL	37
4	TT9570090002	USAF DETACHMENT 1 15TH AIR BASE WING	APO	30
Total				566

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

TRUST TERRITORIES

1999 WASTE RECEIPTS

Tables 15, 16, and 17 have been omitted from this report because there were no facilities in the Trust Territories that reported receiving RCRA hazardous waste in 1999.

TRUST TERRITORIES

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the Trust Territories that reported receiving RCRA hazardous waste in 1999.

TRUST TERRITORIES

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 0 Tons

22 Quantity of RCRA Hazardous Waste Exported: 566 Tons

UTAH

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 91
- 2 Quantity of RCRA Hazardous Waste Generated: 80,427 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	UTD981552177	SAFETY-KLEEN (ARAGONITE)	ARAGONITE	31,056
2	UTD021533054	NUCOR STEEL	PLYMOUTH	17,475
3	UT9210020922	DEFENSE DEPOT HILL, UTAH	OGDEN	6,911
4	UT5210090002	DESERET CHEMICAL DEPOT	TOOELE	6,632
5	UTD982595795	SAFETY-KLEEN, INC. (CLIVE)	CLIVE	2,799
6	UTD001705029	ALLIANT AEROSPACE COMPANY - BACCHUS	WEST VALLEY CITY	2,026
7	UTD009081357	PROMONTORY, THIOKOL PROPULSION	CORINNE	1,627
8	UTD073010902	TYCO PRINTED CURCUIIT GROUP	LOGAN	1,449
9	UTD000826446	KENNECOTT UTAH COPPER - SMELTER	MAGNA	1,325
10	UTD988070215	COMPEQ INTERNATIONAL	SALT LAKE CITY	1,096
11	UT3213820894	TOOELE ARMY DEPOT	TOOELE	1,018
12	UTD092029768	CHEVRON SALT LAKE REFINERY	SALT LAKE CITY	963
13	UT0571724350	HILL AIR FORCE BASE	HILL AIR FORCE BASE	724
14	UTD980957088	SAFETY-KLEEN SYSTEMS, INC	SALT LAKE CITY	710
15	UTD047109269	TOOL DESIGN ENGINEERING & MFG., INC.	SALT LAKE CITY	363
16	UTD042831628	SAINT-GOBAIN CORPORATION	SALT LAKE CITY	255
17	UTD980954168	VIKTRON UTAH	SALT LAKE CITY	239
18	UTD988078150	BFI WASTE SYSTEMS OF NORTH AMERICA, INC.	NORTH SALT LAKE	233
19	UTD988072294	AMERICAN PACIFIC CORP. - UTAH	CEDAR CITY	214
20	UTD073008237	FAIRCHILD SEMICONDUCTOR	WEST JORDAN	210
21	UTD009073305	EDO CORPORATION WESTERN DIVISION	SALT LAKE CITY	205
22	UTD127673697	AUTOLIV ASP, INC. - POMONTORY	PROMONTORY	195
23	UTD045267127	FLYING J REFINERY	NORTH SALT LAKE	184
24	UTD982598898	ENVIROCARE OF UTAH	CLIVE	139
25	UTD063314975	INLAND REFINING INC	WOODS CROSS	130
26	UTD072988173	PARISH CHEMICAL COMPANY	VINEYARD	130
27	UTR000004077	MAPLE OIL PRODUCTS, INC.	SALT LAKE CITY	110
28	UTD041075896	SYRO, INC.	CENTERVILLE	108
29	UTR000002527	HEXCEL CORPORATION	WEST VALLEY CITY	98
30	UTD009090580	PHILLIPS 66 COMPANY	WOODS CROSS	92
31	UTD000826412	KENNECOTT UTAH COPPER - REFINERY	MAGNA	86
32	UTD980959035	VULCRAFT - UTAH/DIV OF NUCOR CORP	BRIGHAM CITY	79
33	UTD000826362	BP AMOCO - SALT LAKE REFINERY	SALT LAKE CITY	77
34	UTD097767180	BOURNS SENSORS/CONTROLS, INC.	OGDEN	76
35	UTD007939358	WHEELER MACHINERY COMPANY	SALT LAKE CITY	74
36	UTD982588675	ROLLS-ROYCE GEAR SYSTEMS	PARK CITY	65
37	UTD982649170	VALMONT INTERMOUNTAIN GALVANIZING	LINDON	63
38	UTD988074241	OEА, INC.	TREMONTON	59
39	UTD092024934	WESTERN ZIRCONIUM/WESTINGHOUSE ELECTRIC	OGDEN	58
40	UTR000000232	IBC ADVANCED TECHNOLOGIES	AMERICAN FORK	57
41	UTD981548597	FMC JETWAY SYSTEMS (WEST)	OGDEN	55
42	UTD094674595	UNIVERSITY OF UTAH	SALT LAKE CITY	54
43	UTD060381977	BECTON DICKINSON MEDICAL SYSTEMS	SANDY	51
44	UTD049779325	FMC JETWAY SYSTEMS (EAST)	OGDEN	50
45	UTD009094012	BRIGHAM YOUNG UNIVERSITY	PROVO	47
46	UTD991301748	SAFETY-KLEEN, INC. (LONE & GRASSY MTN.)	CLIVE	45
47	UTD149899262	RAYLOC PAYSON	PAYSON	43
48	UTD009087644	REILLY INDUSTRIES, INC.	PROVO	42
49	UTD009438359	VARIAN X-RAY PRODUCTS	SALT LAKE CITY	41
50	UTD009086133	GENEVA STEEL	VINEYARD	39
Total				79,878

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

UTAH

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	204	ONLY AN F CODE	8,252		
ONLY CORROSIVE	1,123	ONLY A K CODE	17,710		
ONLY REACTIVE	1,340	ONLY A P CODE	77		
ONLY D004-17	4,153	ONLY A U CODE	9		
ONLY D018-43	108				
HAS MORE THAN ONE CHARACTERISTIC CODE	8,717	HAS MORE THAN ONE LISTED CODE	3,103		
TOTAL	15,646	TOTAL	29,151	Both Characteristic and Listed	35,630

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	793			IGN. W/ AT LEAST 1 LSTD	31,873
HAS CORROSIVE CODE	2,892			CORR. W/ AT LEAST 1 LSTD	29,755
HAS REACTIVE CODE	6,362			REACT. W/ AT LEAST 1 LSTD	30,847
HAS D004-D017 CODE	8,581			D004-17 W/ AT LEAST 1 LSTD	32,837
HAS D018-D043 CODE	906			D018-43 W/ AT LEAST 1 LSTD	33,776
		HAS AN F CODE	3,103	F WASTE W/ AT LEAST 1 CHAR	34,978
		HAS A K CODE	3,101	K WASTE W/ AT LEAST 1 CHAR	31,411
		HAS A P CODE	2,922	P WASTE W/ AT LEAST 1 CHAR	30,829
		HAS A U CODE	2,923	U WASTE W/ AT LEAST 1 CHAR	30,952
TOTAL	8,717	TOTAL	3,103	TOTAL	35,630

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

UTAH

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 27

7 Quantity of RCRA Hazardous Waste Managed: 156,799 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	UTD991301748	SAFETY-KLEEN, INC. (LONE & GRASSY MTN.)	CLIVE	85,792
2	UTD981552177	SAFETY-KLEEN (ARAGONITE)	ARAGONITE	38,701
3	UTD982598898	ENVIROCARE OF UTAH	CLIVE	17,461
4	UT5210090002	DESERET CHEMICAL DEPOT	TOOELE	6,408
5	UTD982595795	SAFETY-KLEEN, INC. (CLIVE)	CLIVE	5,395
6	UTD009081357	PROMONTORY, THIOKOL PROPULSION	CORINNE	1,381
7	UT3213820894	TOOELE ARMY DEPOT	TOOELE	912
8	UT0570090001	UTAH TEST AND TRAINING RANGE	BOX ELDER COUNTY	457
9	UTD001705029	ALLIANT AEROSPACE COMPANY - BACCHUS	WEST VALLEY CITY	232
10	UTD048406144	ASHLAND CHEMICAL COMPANY	CLEARFIELD	60
Total				156,799

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

UTAH

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	2	0.0	3	30.0
SOLVENTS RECOVERY	M021-M029	0	0.0	1	10.0
OTHER RECOVERY	M031-M039	0	0.0	1	10.0
INCINERATION	M041-M049	52,531	33.5	8	80.0
FUEL BLENDING	M061	28	0.0	2	20.0
STABILIZATION	M111-M119	46,623	29.7	3	30.0
LANDFILL	M132	56,638	36.1	2	20.0
OTHER DISPOSAL	M137	976	0.6	2	20.0
		156,799	100.0	10	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
LANDFILL	M132	56,638	36.1	2	20.0
INCINERATION	M041-M049	52,531	33.5	8	80.0
STABILIZATION	M111-M119	46,623	29.7	3	30.0
OTHER DISPOSAL	M137	976	0.6	2	20.0
FUEL BLENDING	M061	28	0.0	2	20.0
METALS RECOVERY	M011-M019	2	0.0	3	30.0
OTHER RECOVERY	M031-M039	0	0.0	1	10.0
SOLVENTS RECOVERY	M021-M029	0	0.0	1	10.0
		156,799	100.0	10	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	52,531	33.5	8	80.0
METALS RECOVERY	M011-M019	2	0.0	3	30.0
STABILIZATION	M111-M119	46,623	29.7	3	30.0
FUEL BLENDING	M061	28	0.0	2	20.0
LANDFILL	M132	56,638	36.1	2	20.0
OTHER DISPOSAL	M137	976	0.6	2	20.0
SOLVENTS RECOVERY	M021-M029	0	0.0	1	10.0
OTHER RECOVERY	M031-M039	0	0.0	1	10.0
		156,799	100.0	10	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

UTAH

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 88

13 Quantity of RCRA Hazardous Waste Shipped: 69,090 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	UTD981552177	SAFETY-KLEEN (ARAGONITE)	ARAGONITE	29,465
2	UTD021533054	NUCOR STEEL	PLYMOUTH	17,476
3	UT9210020922	DEFENSE DEPOT HILL, UTAH	OGDEN	6,307
4	UTD982595795	SAFETY-KLEEN, INC. (CLIVE)	CLIVE	2,789
5	UTD073010902	TYCO PRINTED CIRCUIT GROUP	LOGAN	1,449
6	UTD001705029	ALLIANT AEROSPACE COMPANY - BACCHUS	WEST VALLEY CITY	1,381
7	UTD988070215	COMPEQ INTERNATIONAL	SALT LAKE CITY	1,096
8	UTD000826446	KENNECOTT UTAH COPPER - SMELTER	MAGNA	1,089
9	UTD092029768	CHEVRON SALT LAKE REFINERY	SALT LAKE CITY	963
10	UTD980957088	SAFETY-KLEEN SYSTEMS, INC	SALT LAKE CITY	837
11	UT0571724350	HILL AIR FORCE BASE	HILL AIR FORCE BASE	723
12	UTD000826362	BP AMOCO - SALT LAKE REFINERY	SALT LAKE CITY	550
13	UTD991301748	SAFETY-KLEEN, INC. (LONE & GRASSY MTN.)	CLIVE	464
14	UTD047109269	TOOL DESIGN ENGINEERING & MFG., INC.	SALT LAKE CITY	363
15	UTD042831628	SAINT-GOBAIN CORPORATION	SALT LAKE CITY	255
16	UTD009081357	PROMONTORY, THIOKOL PROPULSION	CORINNE	245
17	UTD980954168	VIKTRON UTAH	SALT LAKE CITY	229
18	UTD988072294	AMERICAN PACIFIC CORP. - UTAH	CEDAR CITY	213
19	UTD073008237	FAIRCHILD SEMICONDUCTOR	WEST JORDAN	210
20	UTD009073305	EDO CORPORATION WESTERN DIVISION	SALT LAKE CITY	205
21	UTD127673697	AUTOLIV ASP, INC. - POMONTORY	PROMONTORY	195
22	UT5210090002	DESERET CHEMICAL DEPOT	TOOELE	188
23	UTD045267127	FLYING J REFINERY	NORTH SALT LAKE	184
24	UTD063314975	INLAND REFINING INC	WOODS CROSS	130
25	UTD072988173	PARISH CHEMICAL COMPANY	VINEYARD	130
26	UTR000004077	MAPLE OIL PRODUCTS, INC.	SALT LAKE CITY	110
27	UTD041075896	SYRO, INC.	CENTERVILLE	108
28	UT3213820894	TOOELE ARMY DEPOT	TOOELE	106
29	UTR000002527	HEXCEL CORPORATION	WEST VALLEY CITY	96
30	UTD000826412	KENNECOTT UTAH COPPER - REFINERY	MAGNA	86
31	UTD980959035	VULCRAFT - UTAH/DIV OF NUCOR CORP	BRIGHAM CITY	79
32	UTD007939358	WHEELER MACHINERY COMPANY	SALT LAKE CITY	74
33	UTD097767180	BOURNS SENSORS/CONTROLS, INC.	OGDEN	67
34	UTD009090580	PHILLIPS 66 COMPANY	WOODS CROSS	67
35	UTD988074241	OEA, INC.	TREMONTON	63
36	UTD092024934	WESTERN ZIRCONIUM/WESTINGHOUSE ELECTRIC	OGDEN	58
37	UTR000000232	IBC ADVANCED TECHNOLOGIES	AMERICAN FORK	57
38	UTD981548597	FMC JETWAY SYSTEMS (WEST)	OGDEN	55
39	UTD094674595	UNIVERSITY OF UTAH	SALT LAKE CITY	54
40	UTD982649170	VALMONT INTERMOUNTAIN GALVANIZING	LINDON	53
41	UTD049779325	FMC JETWAY SYSTEMS (EAST)	OGDEN	50
42	UTD009086133	GENEVA STEEL	VINEYARD	44
43	UTD149899262	RAYLOC PAYSON	PAYSON	43
44	UTD009087644	REILLY INDUSTRIES, INC.	PROVO	42
45	UTD009094012	BRIGHAM YOUNG UNIVERSITY	PROVO	40
46	UTD009438359	VARIAN X-RAY PRODUCTS	SALT LAKE CITY	35
47	UTD988070652	BAXTER RESEARCH MEDICAL, INC.	MIDVALE	34
48	UTD009073800	ENGELHARD CORPORATION	SALT LAKE CITY	29
49	UTD000651653	UTAH STATE UNIVERSITY	LOGAN	29
50	UTD041307356	THATCHER COMPANY	SALT LAKE CITY	26
Total				68,640

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

UTAH

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 8
- 16 Quantity of RCRA Hazardous Waste Received: 147,135 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	UTD991301748	SAFETY-KLEEN, INC. (LONE & GRASSY MTN.)	CLIVE	86,149
2	UTD981552177	SAFETY-KLEEN (ARAGONITE)	ARAGONITE	37,110
3	UTD982598898	ENVIROCARE OF UTAH	CLIVE	17,230
4	UTD982595795	SAFETY-KLEEN, INC. (CLIVE)	CLIVE	5,395
5	UTD980957088	SAFETY-KLEEN SYSTEMS, INC	SALT LAKE CITY	733
6	UT0570090001	UTAH TEST AND TRAINING RANGE	BOX ELDER COUNTY	457
7	UTD048406144	ASHLAND CHEMICAL COMPANY	CLEARFIELD	60
8	UTD001705029	ALLIANT AEROSPACE COMPANY - BACCHUS	WEST VALLEY CITY	1
Total				147,135

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

UTAH

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	1	0.0	2	33.3
SOLVENTS RECOVERY	M021-M029	0	0.0	1	16.7
OTHER RECOVERY	M031-M039	0	0.0	1	16.7
INCINERATION	M041-M049	42,983	29.4	5	83.3
FUEL BLENDING	M061	28	0.0	2	33.3
STABILIZATION	M111-M119	46,384	31.8	3	50.0
LANDFILL	M132	56,578	38.8	2	33.3
		145,975	100.0	6	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
LANDFILL	M132	56,578	38.8	2	33.3
STABILIZATION	M111-M119	46,384	31.8	3	50.0
INCINERATION	M041-M049	42,983	29.4	5	83.3
FUEL BLENDING	M061	28	0.0	2	33.3
METALS RECOVERY	M011-M019	1	0.0	2	33.3
OTHER RECOVERY	M031-M039	0	0.0	1	16.7
SOLVENTS RECOVERY	M021-M029	0	0.0	1	16.7
		145,975	100.0	6	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	42,983	29.4	5	83.3
STABILIZATION	M111-M119	46,384	31.8	3	50.0
METALS RECOVERY	M011-M019	1	0.0	2	33.3
FUEL BLENDING	M061	28	0.0	2	33.3
LANDFILL	M132	56,578	38.8	2	33.3
SOLVENTS RECOVERY	M021-M029	0	0.0	1	16.7
OTHER RECOVERY	M031-M039	0	0.0	1	16.7
		145,975	100.0	6	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

UTAH

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 90,033 Tons

22 Quantity of RCRA Hazardous Waste Exported: 18,606 Tons

VERMONT

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 65
- 2 Quantity of RCRA Hazardous Waste Generated: 5,275 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	VTD002084705	IBM CORPORATION	ESSEX JUNCTION	3,318
2	VTD001075894	GE AIRCRAFT ENGINES	NORTH CLARENDON	537
3	VTD002085108	GE AIRCRAFT ENGINES	RUTLAND	189
4	VTD001086529	C.E. BRADLEY LABORATORIES, INC.	BRATTLEBORO	182
5	VTR000007229	FERCO BIOMASS GASIFIER	BURLINGTON	98
6	VTD099682494	MYLAN TECHNOLOGIES, INC.	ST. ALBANS	87
7	VTD001082841	ETHAN ALLEN, INC.	ORLEANS	81
8	VTD988366167	SEVERN TRENT LABORATORIES	COLCHESTER	64
9	VTD002065597	EVEREADY BATTERY CO., INC.	BENNINGTON	58
10	VTD980670319	VERMONT CIRCUITS, INC.	BRATTLEBORO	40
11	VTD002065654	EVEREADY BATTERY CO., INC.	ST. ALBANS	40
12	VTD001083468	ETHAN ALLEN, INC.	RANDOLPH	39
13	VTD981065998	G.S. PRECISION, INC.	BRATTLEBORO	39
14	VTD002068484	THE SHELBURNE CORPORATION	SHELBURNE	38
15	VTD000636563	UNIVERSITY OF VERMONT ENV SAFETY FAC.	BURLINGTON	37
16	VTD002083434	GENERAL DYNAMICS ARMAMENT SYSTEMS	BURLINGTON	35
17	VTD064436074	EHV-WEIDMANN INDUSTRIES, INC.	ST. JOHNSBURY	33
18	VTD001081215	ETHAN ALLEN INC.	BEECHER FALLS	31
19	VTD001080126	GREENFIELD INDUSTRIES	LYNDONVILLE	28
20	VTD000636449	UNIVERSITY OF VERMONT	BURLINGTON	27
21	VTR000005348	VERMONT TUBBS	BRANDON	22
22	VTP000004709	PLAZA MOBIL	RUTLAND	21
23	VTD002068070	BF GOODRICH/SIMMONDS PRECISION	VERGENNES	21
24	VTD001089226	FELLOWS CORPORATION	NORTH SPRINGFIELD	17
25	VTD039697347	VERMONT CASTINGS MAJESTIC PRODUCTS	BETHEL	16
26	VTD020673299	QUIN-T, US SAMICA	RUTLAND	15
27	VT9690550042	VERMONT ARMY NATIONAL GUARD	NORTH SPRINGFIELD	15
28	VTD069911873	TIVOLY, INC.	DERBY LINE	14
29	VTD990800575	ETHAN ALLEN, INC.	ISLAND POND	14
30	VT5000001982	FLEMING OIL COMPANY, INC.	BRATTLEBORO	13
31	VTD000649780	GENERAL DYNAMICS ARMAMENT SYSTEMS	BURLINGTON	11
32	VTD001086149	BRYANT GRINDER CORPORATION	SPRINGFIELD	10
33	VT6572824294	VT AIR NATIONAL GUARD, 158 FW	S. BURLINGTON	8
34	VTD073985475	VERMONT CASTINGS MAJESTIC PRODUCTS CO	RANDOLPH	8
35	VTD988367579	GREAT BROOK FURNITURE, LTD.	NORTH SPRINGFIELD	8
36	VTP000007856	VERMONT ARMY NATIONAL GUARD	BENNINGTON	7
37	VTD002068096	MACK MOLDING CO.	ARLINGTON	6
38	VTP000009049	TOWN OF FAIFAX	FAIFAX	5
39	VTR000008052	HUBER+SUHNER, INC	ESSEX,	5
40	VTD045011533	VERMONT YANKEE POWER STATION	VERNON	5
41	VTD048419386	MASKA U.S. INC.	BRADFORD	4
42	VTP000008849	FORMER LAMOILLE VALLEY RR ENGINE HOUSE	MORRISVILLE	3
43	VTD988366027	VERMONT ARMY NATIONAL GUARD OMS#7	COLCHESTER	3
44	VTD043516210	SIMPSON PAPER CO.	GILMAN	3
45	VTD045648243	LAVALLEE AND IDE, INC.	WINOOSKI	3
46	VTD045014602	FIBERMARK, INC.	BRATTLEBORO	3
47	VTP000004805	LUDLOW MOBIL	LUDLOW	2
48	VTD980524011	VT ARMY NATIONAL GUARD	COLCHESTER	2
49	VTR000002543	GEORGIA MOBIL	GEORGIA	2
50	VTD007939614	CENTRAL VERMONT PUBIC SERVICE CORP.	RUTLAND	2
Total				5,270

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

VERMONT

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	199	ONLY AN F CODE	2,418		
ONLY CORROSIVE	79	ONLY A K CODE	0		
ONLY REACTIVE	9	ONLY A P CODE	1		
ONLY D004-17	344	ONLY A U CODE	0		
ONLY D018-43	109				
HAS MORE THAN ONE CHARACTERISTIC CODE	309	HAS MORE THAN ONE LISTED CODE	774		
TOTAL	1,049	TOTAL	3,193	Both Characteristic and Listed	1,034

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	227			IGN. W/ AT LEAST 1 LSTD	882
HAS CORROSIVE CODE	73			CORR. W/ AT LEAST 1 LSTD	19
HAS REACTIVE CODE	1			REACT. W/ AT LEAST 1 LSTD	2
HAS D004-D017 CODE	85			D004-17 W/ AT LEAST 1 LSTD	531
HAS D018-D043 CODE	234			D018-43 W/ AT LEAST 1 LSTD	717
		HAS AN F CODE	764	F WASTE W/ AT LEAST 1 CHAR	1,031
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	9	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	774	U WASTE W/ AT LEAST 1 CHAR	253
TOTAL	309	TOTAL	774	TOTAL	1,034

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

VERMONT**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 7

7 Quantity of RCRA Hazardous Waste Managed: 4 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	VTD982766537	HERITAGE ENVIR SERV, LLC - WILLISTON	WILLISTON	3
2	VTD007939614	CENTRAL VERMONT PUBIC SERVICE CORP.	RUTLAND	1
Total				4

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

VERMONT

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER RECOVERY	M031-M039	1	31.6	1	50.0
ENERGY RECOVERY	M051-M059	1	29.3	1	50.0
FUEL BLENDING	M061	2	39.1	1	50.0
		4	100.0	2	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	2	39.1	1	50.0
OTHER RECOVERY	M031-M039	1	31.6	1	50.0
ENERGY RECOVERY	M051-M059	1	29.3	1	50.0
		4	100.0	2	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER RECOVERY	M031-M039	1	31.6	1	50.0
ENERGY RECOVERY	M051-M059	1	29.3	1	50.0
FUEL BLENDING	M061	2	39.1	1	50.0
		4	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

VERMONT

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 58

13 Quantity of RCRA Hazardous Waste Shipped: 7,160 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	VTD002084705	IBM CORPORATION	ESSEX JUNCTION	3,376
2	VTD982766537	HERITAGE ENVIR SERV, LLC - WILLISTON	WILLISTON	1,585
3	VTD001075894	GE AIRCRAFT ENGINES	NORTH CLARENDON	537
4	VTD000791699	SAFETY-KLEEN SYSTEMS	BARRE,	402
5	VTD002085108	GE AIRCRAFT ENGINES	RUTLAND	189
6	VTR000007229	FERCO BIOMASS GASIFIER	BURLINGTON	98
7	VTD001082841	ETHAN ALLEN, INC.	ORLEANS	93
8	VTD099682494	MYLAN TECHNOLOGIES, INC.	ST. ALBANS	82
9	VTD988366167	SEVERN TRENT LABORATORIES	COLCHESTER	64
10	VTD002065597	EVEREADY BATTERY CO., INC.	BENNINGTON	58
11	VTD001083468	ETHAN ALLEN, INC.	RANDOLPH	45
12	VTD980670319	VERMONT CIRCUITS, INC.	BRATTLEBORO	40
13	VTD002065654	EVEREADY BATTERY CO., INC.	ST. ALBANS	39
14	VTD981065998	G.S. PRECISION, INC.	BRATTLEBORO	39
15	VTD001086529	C.E. BRADLEY LABORATORIES, INC.	BRATTLEBORO	38
16	VTD002068484	THE SHELBURNE CORPORATION	SHELBURNE	37
17	VTD002083434	GENERAL DYNAMICS ARMAMENT SYSTEMS	BURLINGTON	35
18	VTD001081215	ETHAN ALLEN INC.	BEECHER FALLS	31
19	VTD001080126	GREENFIELD INDUSTRIES	LYNDONVILLE	29
20	VTD000636449	UNIVERSITY OF VERMONT	BURLINGTON	27
21	VTD000636563	UNIVERSITY OF VERMONT ENV SAFETY FAC.	BURLINGTON	24
22	VTR000005348	VERMONT TUBBS	BRANDON	22
23	VTP000004709	PLAZA MOBIL	RUTLAND	21
24	VTD002068070	BF GOODRICH/SIMMONDS PRECISION	VERGENNES	21
25	VTD001089226	FELLOWS CORPORATION	NORTH SPRINGFIELD	17
26	VTD039697347	VERMONT CASTINGS MAJESTIC PRODUCTS	BETHEL	16
27	VTD990800575	ETHAN ALLEN, INC.	ISLAND POND	16
28	VTD020673299	QUIN-T, US SAMICA	RUTLAND	15
29	VTD069911873	TIVOLY, INC.	DERBY LINE	15
30	VT9690550042	VERMONT ARMY NATIONAL GUARD	NORTH SPRINGFIELD	15
31	VT5000001982	FLEMING OIL COMPANY, INC.	BRATTLEBORO	13
32	VTD064436074	EHV-WEIDMANN INDUSTRIES, INC.	ST. JOHNSBURY	12
33	VTD000649780	GENERAL DYNAMICS ARMAMENT SYSTEMS	BURLINGTON	11
34	VTD001086149	BRYANT GRINDER CORPORATION	SPRINGFIELD	10
35	VT6572824294	VT AIR NATIONAL GUARD, 158 FW	S. BURLINGTON	8
36	VTD073985475	VERMONT CASTINGS MAJESTIC PRODUCTS CO	RANDOLPH	8
37	VTD988367579	GREAT BROOK FURNITURE, LTD.	NORTH SPRINGFIELD	8
38	VTP000007856	VERMONT ARMY NATIONAL GUARD	BENNINGTON	7
39	VTD002068096	MACK MOLDING CO.	ARLINGTON	6
40	VTP000009049	TOWN OF FAIFAX	FAIRFAX	5
41	VTR000008052	HUBER+SUHNER, INC	ESSEX,	5
42	VTD045011533	VERMONT YANKEE POWER STATION	VERNON	5
43	VTD048419386	MASKA U.S. INC.	BRADFORD	4
44	VTP000008849	FORMER LAMOILLE VALLEY RR ENGINE HOUSE	MORRISVILLE	4
45	VTD988366027	VERMONT ARMY NATIONAL GUARD OMS#7	COLCHESTER	3
46	VTD043516210	SIMPSON PAPER CO.	GILMAN	3
47	VTD045648243	LAVALLEE AND IDE, INC.	WINOOSKI	3
48	VTD045014602	FIBERMARK, INC.	BRATTLEBORO	3
49	VTP000004805	LUDLOW MOBIL	LUDLOW	2
50	VTD980524011	VT ARMY NATIONAL GUARD	COLCHESTER	2
Total				7,150

Note: Columns may not sum due to rounding.
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VERMONT

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 5

16 Quantity of RCRA Hazardous Waste Received: 1,530 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	VTD982766537	HERITAGE ENVIR SERV, LLC - WILLISTON	WILLISTON	1,201
2	VTD000791699	SAFETY-KLEEN SYSTEMS	BARRE,	296
3	VTD000636563	UNIVERSITY OF VERMONT ENV SAFETY FAC.	BURLINGTON	28
4	VTD002084705	IBM CORPORATION	ESSEX JUNCTION	5
5	VTD007939614	CENTRAL VERMONT PUBIC SERVICE CORP.	RUTLAND	1
Total				1,530

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

VERMONT

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER RECOVERY	M031-M039	1	31.6	1	50.0
ENERGY RECOVERY	M051-M059	1	29.3	1	50.0
FUEL BLENDING	M061	2	39.1	1	50.0
		4	100.0	2	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
FUEL BLENDING	M061	2	39.1	1	50.0
OTHER RECOVERY	M031-M039	1	31.6	1	50.0
ENERGY RECOVERY	M051-M059	1	29.3	1	50.0
		4	100.0	2	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER RECOVERY	M031-M039	1	31.6	1	50.0
ENERGY RECOVERY	M051-M059	1	29.3	1	50.0
FUEL BLENDING	M061	2	39.1	1	50.0
		4	100.0	2	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

VERMONT

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 1,202 Tons

22 Quantity of RCRA Hazardous Waste Exported: 7,117 Tons

VIRGIN ISLANDS**1999 WASTE GENERATION**

- 1 Number of RCRA Large Quantity Generators (LQGs): 1**
- 2 Quantity of RCRA Hazardous Waste Generated: 12,511 Tons**
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999**

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	VID980536080	HOVENSA LLC (FORMERLY HESS OIL VI)	CHRISTIANSTED	12,511
Total				12,511

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

VIRGIN ISLANDS

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	1	ONLY AN F CODE	85		
ONLY CORROSIVE	0	ONLY A K CODE	318		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	193	ONLY A U CODE	0		
ONLY D018-43	79				
HAS MORE THAN ONE CHARACTERISTIC CODE	67	HAS MORE THAN ONE LISTED CODE	11,400		
TOTAL	340	TOTAL	11,803	Both Characteristic and Listed	368

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	67			IGN. W/ AT LEAST 1 LSTD	347
HAS CORROSIVE CODE	0			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	0			D004-17 W/ AT LEAST 1 LSTD	0
HAS D018-D043 CODE	67			D018-43 W/ AT LEAST 1 LSTD	345
		HAS AN F CODE	11,400	F WASTE W/ AT LEAST 1 CHAR	44
		HAS A K CODE	11,400	K WASTE W/ AT LEAST 1 CHAR	345
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	0
TOTAL	67	TOTAL	11,400	TOTAL	368

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

VIRGIN ISLANDS**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 1

7 Quantity of RCRA Hazardous Waste Managed: 11,400 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	VID980536080	HOVENSA LLC (FORMERLY HESS OIL VI)	CHRISTIANSTED	11,400
Total				11,400

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

VIRGIN ISLANDS

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
LAND TREATMENT / APPLICATION / FARMING	M131	11,400	100.0	1	100.0
		11,400	100.0	1	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
LAND TREATMENT / APPLICATION / FARMING	M131	11,400	100.0	1	100.0
		11,400	100.0	1	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
LAND TREATMENT / APPLICATION / FARMING	M131	11,400	100.0	1	100.0
		11,400	100.0	1	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

VIRGIN ISLANDS**1999 WASTE SHIPMENTS**

12 Number of RCRA Hazardous Waste Shippers: 1

13 Quantity of RCRA Hazardous Waste Shipped: 1,110 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	VID980536080	HOVENSA LLC (FORMERLY HESS OIL VI)	CHRISTIANSTED	1,110
Total				1,110

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

VIRGIN ISLANDS

1999 WASTE RECEIPTS

Tables 15, 16, and 17 have been omitted from this report because there were no facilities in the Virgin Islands that reported receiving RCRA hazardous waste in 1999.

VIRGIN ISLANDS

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the Virgin Islands that reported receiving RCRA hazardous waste in 1999.

VIRGIN ISLANDS

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 0 Tons

22 Quantity of RCRA Hazardous Waste Exported: 1,110 Tons

VIRGINIA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 332
- 2 Quantity of RCRA Hazardous Waste Generated: 121,787 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	VAD003174836	PNEUMO ABEX CORPORATION	PORTSMOUTH	27,530
2	VAD077942266	GIANT RESOURCE RECOVERY, INC. , CASCADE	CASCADE	20,735
3	VAD980554539	E.I. DUPONT DE NEMOURS	FRONT ROYAL	7,680
4	VAD003122553	ROANOKE ELECTRIC STEEL CORPORATION	ROANOKE	7,103
5	VAD065385296	HONEYWELL INTERNATIONAL - HOPEWELL	HOPEWELL	5,626
6	VA5170022482	NAVAL AMPHIB. BASE LITTLE CREEK	VIRGINIA BEACH	4,599
7	VAD000819466	PHILLIP MORRIS USA, MFG CTR	RICHMOND	4,514
8	VAD003111416	PRILLAMAN CHEMICAL CORP.	MARTINSVILLE	3,134
9	VAD001307495	NEWPORT NEWS SHIPBUILDING	NEWPORT NEWS	3,003
10	VAD988211850	GREYSTONE OF VIRGINIA	TOANO	2,708
11	VA1210020730	RADFORD ARMY AMMUNITION PLANT	RADFORD	2,528
12	VAR000013292	CHAPARRAL (VIRGINIA) INC.	PETERSBURG	2,147
13	VAD001705110	MERCK AND CO INC	ELKTON	1,973
14	VAD009305137	DUPONT SPRUANCE PLANT	RICHMOND	1,724
15	VAD065417008	GRIFFIN PIPE PRODUCTS CO.	LYNCHBURG	1,574
16	VAD981034895	AUTOMATA INTERNATIONAL, INC.	STERLING	1,521
17	VAD066003161	VOLVO TRUCKS NORTH AMERICA, INC.	DUBLIN	1,338
18	VAD076670959	CIBA SPECIALTY CHEMICALS	SUFFOLK	1,227
19	VAD093561652	BOGHRINGER INGELHEIM	PETERSBURG	1,150
20	VAD003177391	FORD MOTOR COMPANY/NORFOLK	NORFOLK	933
21	VAD988170684	HICKSON DANACHEM CORP	DANVILLE	842
22	VAD003114832	DUPONT COMPANY	WAYNESBORO	817
23	VA6170061463	COMMANDER NAVAL BASE, NORFOLK	NORFOLK	758
24	VAD046960449	BWX TECHNOLOGIES INC.	LYNCHBURG	722
25	VAD099605842	GOLDSCHMIDT CHEMICAL CORPORATION	HOPEWELL	667
26	VAD000737361	SAFETY-KLEEN, INC. VINTON	VINTON	666
27	VAD988216750	RENE COMPOSITE MATERIALS CORPORATION	PERARISBURG	547
28	VAD055046049	COOK COMPOSITES & POLYMER CO.	CHATHAM	524
29	VAD054040456	SIEMENS AUTOMOTIVE	NEWPORT NEWS	511
30	VAD982573248	VISHAY VITRAMON ROANOKE	ROANOKE	494
31	VAR000007534	WHITE OAK SEMICONDUCTOR	SANDSTON	448
32	VAR000004481	SARTOMER COMPANY INC.	CHATHAM	406
33	VA1170024813	COMMANDER, NORFOLK NAVAL SHIPYARD	PORTSMOUTH	392
34	VAD054039961	FEDERAL-MOGUL CORPORATION	BLACKSBURG	365
35	VAD980714588	WESTVACO-CPD	RICHMOND	357
36	VAD980721369	BASSETT SUPERIOR LINES	BASSETT	334
37	VAD003174273	COLONNAS SHIPYARD INC.	NORFOLK	333
38	VAD000019828	AKZO NOBEL COATINGS INC.	ROANOKE	280
39	VAD065378515	BELLWOOD PRINTING PLANT	RICHMOND	267
40	VAD066000993	VIASYSTEMS TECHNOLOGIES CORP.	RICHMOND	266
41	VAD003175262	CELANESE CORP.	PORTSMOUTH	259
42	VAD086293719	FEC BIOREMEDIATION	RICHMOND	252
43	VAD010070043	HOWMET CORP	HAMPTON	251
44	VAD003062742	OSULLIVAN CORPORATION	WINCHESTER	237
45	VAD000798702	WESTVACO - CPD	RICHMOND	211
46	VAD066008780	CPFILMS, INC.	FIELDALE	196
47	VAD148239569	SHOREWOOD PACKAGING	NEWPORT NEWS	161
48	VAR000004978	DOMINION SEMICONDUCTOR	MANASSAS	161
49	VAD089028377	REHRIG INTERNATIONAL, INC.	RICHMOND	156
50	VA8213720321	FORT EUSTIS	FORT EUSTIS	152
Total				114,780

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

VIRGINIA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	6,154	ONLY AN F CODE	9,741		
ONLY CORROSIVE	2,299	ONLY A K CODE	9,520		
ONLY REACTIVE	49	ONLY A P CODE	13		
ONLY D004-17	39,198	ONLY A U CODE	42		
ONLY D018-43	319				
HAS MORE THAN ONE CHARACTERISTIC CODE	11,146	HAS MORE THAN ONE LISTED CODE	266		
TOTAL	59,166	TOTAL	19,582	Both Characteristic and Listed	42,988

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	7,848			IGN. W/ AT LEAST 1 LSTD	41,329
HAS CORROSIVE CODE	8,343			CORR. W/ AT LEAST 1 LSTD	256
HAS REACTIVE CODE	453			REACT. W/ AT LEAST 1 LSTD	94
HAS D004-D017 CODE	4,705			D004-17 W/ AT LEAST 1 LSTD	35,418
HAS D018-D043 CODE	2,558			D018-43 W/ AT LEAST 1 LSTD	33,160
		HAS AN F CODE	265	F WASTE W/ AT LEAST 1 CHAR	42,902
		HAS A K CODE	5	K WASTE W/ AT LEAST 1 CHAR	20,663
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	13
		HAS A U CODE	266	U WASTE W/ AT LEAST 1 CHAR	20,781
TOTAL	11,146	TOTAL	266	TOTAL	42,988

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

VIRGINIA

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 43

7 Quantity of RCRA Hazardous Waste Managed: 70,587 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	VAD003111416	PRILLAMAN CHEMICAL CORP.	MARTINSVILLE	23,792
2	VAD046970521	SOLITE CORPORATION, VIRGINIA SOLITE DIV	CASCADE	20,656
3	VAD042755082	SOLITE CORPORATION	ARVONIA	20,327
4	VAD065385296	HONEYWELL INTERNATIONAL - HOPEWELL	HOPEWELL	5,466
5	VA1210020730	RADFORD ARMY AMMUNITION PLANT	RADFORD	337
6	VAD980831283	LOFTON CORPORATION	RAPHINE	9
7	VA6170061463	COMMANDER NAVAL BASE, NORFOLK	NORFOLK	0
8	VA1170024813	COMMANDER, NORFOLK NAVAL SHIPYARD	PORTSMOUTH	0
Total				70,587

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

VIRGINIA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	12.5
SOLVENTS RECOVERY	M021-M029	23,792	33.7	1	12.5
OTHER RECOVERY	M031-M039	0	0.0	1	12.5
INCINERATION	M041-M049	5,803	8.2	2	25.0
ENERGY RECOVERY	M051-M059	40,983	58.1	2	25.0
FUEL BLENDING	M061	9	0.0	1	12.5
		70,587	100.0	8	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	40,983	58.1	2	25.0
SOLVENTS RECOVERY	M021-M029	23,792	33.7	1	12.5
INCINERATION	M041-M049	5,803	8.2	2	25.0
FUEL BLENDING	M061	9	0.0	1	12.5
METALS RECOVERY	M011-M019	0	0.0	1	12.5
OTHER RECOVERY	M031-M039	0	0.0	1	12.5
		70,587	100.0	8	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	5,803	8.2	2	25.0
ENERGY RECOVERY	M051-M059	40,983	58.1	2	25.0
METALS RECOVERY	M011-M019	0	0.0	1	12.5
SOLVENTS RECOVERY	M021-M029	23,792	33.7	1	12.5
OTHER RECOVERY	M031-M039	0	0.0	1	12.5
FUEL BLENDING	M061	9	0.0	1	12.5
		70,587	100.0	8	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

VIRGINIA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 290

13 Quantity of RCRA Hazardous Waste Shipped: 98,238 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	VAD077942266	GIANT RESOURCE RECOVERY, INC. , CASCADE	CASCADE	20,735
2	VAD098443443	GIANT RESOURCE RECOVERY, INC.	ARVONIA	20,630
3	VAD980554539	E.I. DUPONT DE NEMOURS	FRONT ROYAL	7,456
4	VAD000819466	PHILLIP MORRIS USA, MFG CTR	RICHMOND	4,564
5	VAD003111416	PRILLAMAN CHEMICAL CORP.	MARTINSVILLE	3,337
6	VAD001307495	NEWPORT NEWS SHIPBUILDING	NEWPORT NEWS	2,982
7	VAD000019828	AKZO NOBEL COATINGS INC.	ROANOKE	2,237
8	VA1210020730	RADFORD ARMY AMMUNITION PLANT	RADFORD	2,191
9	VAR000013292	CHAPARRAL (VIRGINIA) INC.	PETERSBURG	2,147
10	VAD001705110	MERCK AND CO INC	ELKTON	1,973
11	VAD000737346	SAFETY-KLEEN SYSTEMS, INC. - CHESAPEAKE.	CHESAPEAKE	1,873
12	VAD009305137	DUPONT SPRUANCE PLANT	RICHMOND	1,723
13	VAD000737361	SAFETY-KLEEN, INC. VINTON	VINTON	1,672
14	VAD981034895	AUTOMATA INTERNATIONAL, INC.	STERLING	1,521
15	VAD076670959	CIBA SPECIALTY CHEMICALS	SUFFOLK	1,481
16	VAD066003161	VOLVO TRUCKS NORTH AMERICA, INC.	DUBLIN	1,307
17	VAD093561652	BOGHRINGER INGELHEIM	PETERSBURG	1,129
18	VAD003177391	FORD MOTOR COMPANY/NORFOLK	NORFOLK	933
19	VAD988170684	HICKSON DANACHEM CORP	DANVILLE	841
20	VA6170061463	COMMANDER NAVAL BASE, NORFOLK	NORFOLK	759
21	VAD046960449	BWX TECHNOLOGIES INC.	LYNCHBURG	722
22	VAD981043011	SAFETY-KLEEN SYSTEMS, INC. CHESTERFIELD	CHESTER	660
23	VA5170022482	NAVAL AMPHIB. BASE LITTLE CREEK	VIRGINIA BEACH	621
24	VAD003114832	DUPONT COMPANY	WAYNESBORO	612
25	VAD988216750	RENE COMPOSITE MATERIALS CORPORATION	PERARISBURG	547
26	VAD055046049	COOK COMPOSITES & POLYMER CO.	CHATHAM	524
27	VAD054040456	SIEMENS AUTOMOTIVE	NEWPORT NEWS	508
28	VAR000007534	WHITE OAK SEMICONDUCTOR	SANDSTON	448
29	VAR000004481	SARTOMER COMPANY INC.	CHATHAM	406
30	VA1170024813	COMMANDER, NORFOLK NAVAL SHIPYARD	PORTSMOUTH	379
31	VAD054039961	FEDERAL-MOGUL CORPORATION	BLACKSBURG	365
32	VAD980721369	BASSETT SUPERIOR LINES	BASSETT	334
33	VAD003174273	COLONNAS SHIPYARD INC.	NORFOLK	328
34	VAD988175055	CLEAN HARBORS ENVIRONMENTAL SERVICES INC	PRINCE GEORGE	308
35	VAD010070043	HOWMET CORP	HAMPTON	300
36	VAD980714588	WESTVACO-CPD	RICHMOND	280
37	VAD065378515	BELLWOOD PRINTING PLANT	RICHMOND	267
38	VAD066000993	VIASYSTEMS TECHNOLOGIES CORP.	RICHMOND	266
39	VAD003175262	CELANESE CORP.	PORTSMOUTH	258
40	VAD086293719	FEC BIOREMEDIATION	RICHMOND	255
41	VAD003062742	OSULLIVAN CORPORATION	WINCHESTER	221
42	VAD000798702	WESTVACO - CPD	RICHMOND	206
43	VAD003122553	ROANOKE ELECTRIC STEEL CORPORATION	ROANOKE	205
44	VAD066008780	CPFILMS, INC.	FIELDALE	196
45	VAD065385296	HONEYWELL INTERNATIONAL - HOPEWELL	HOPEWELL	160
46	VAR000004978	DOMINION SEMICONDUCTOR	MANASSAS	159
47	VAD089028377	REHRIG INTERNATIONAL, INC.	RICHMOND	156
48	VAD148239569	SHOREWOOD PACKAGING	NEWPORT NEWS	155
49	VAD003123072	ITT NIGHT VISION	ROANOKE	154
50	VAD046979498	INTERNATIONAL PAPER/RICHMOND GRAVURE	RICHMOND	148
Total				91,642

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

VIRGINIA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 9

16 Quantity of RCRA Hazardous Waste Received: 144,124 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	VAD077942266	GIANT RESOURCE RECOVERY, INC. , CASCADE	CASCADE	59,074
2	VAD003111416	PRILLAMAN CHEMICAL CORP.	MARTINSVILLE	23,792
3	VAD046970521	SOLITE CORPORATION, VIRGINIA SOLITE DIV	CASCADE	20,656
4	VAD042755082	SOLITE CORPORATION	ARVONIA	20,327
5	VAD098443443	GIANT RESOURCE RECOVERY, INC.	ARVONIA	17,445
6	VAD981043011	SAFETY-KLEEN SYSTEMS, INC. CHESTERFIELD	CHESTER	1,363
7	VAD000737346	SAFETY-KLEEN SYSTEMS, INC. - CHESAPEAKE.	CHESAPEAKE	775
8	VAD000737361	SAFETY-KLEEN, INC. VINTON	VINTON	667
9	VA6170061463	COMMANDER NAVAL BASE, NORFOLK	NORFOLK	25
Total				144,124

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that received waste.

VIRGINIA

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	0	0.0	1	25.0
SOLVENTS RECOVERY	M021-M029	23,792	36.7	1	25.0
ENERGY RECOVERY	M051-M059	40,983	63.3	2	50.0
		64,776	100.0	4	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	40,983	63.3	2	50.0
SOLVENTS RECOVERY	M021-M029	23,792	36.7	1	25.0
METALS RECOVERY	M011-M019	0	0.0	1	25.0
		64,776	100.0	4	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	40,983	63.3	2	50.0
METALS RECOVERY	M011-M019	0	0.0	1	25.0
SOLVENTS RECOVERY	M021-M029	23,792	36.7	1	25.0
		64,776	100.0	4	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

VIRGINIA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 85,481 Tons

22 Quantity of RCRA Hazardous Waste Exported: 48,000 Tons

WASHINGTON

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 545
- 2 Quantity of RCRA Hazardous Waste Generated: 91,245 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	WA2170023418	USN PSNS BREMERTON	BREMERTON	13,515
2	WAD988487583	BIRMINGHAM STEEL CORP	SEATTLE	10,540
3	WAD009270794	ALCOA INC WENATCHEE WORKS	MALAGA	5,353
4	WAD990828642	GOLDENDALE ALUMINUM CO	GOLDENDALE	4,696
5	WAD981769110	EMERALD SERVICES INC	TACOMA	4,498
6	WAD001882984	KAISER ALUMINUM TACOMA WORKS	TACOMA	4,440
7	WA7890008967	US DOE HANFORD FACILITY	RICHLAND	4,238
8	WAD009256819	BOEING PLANT 2	SEATTLE	3,538
9	WAD000065508	KAISER ALUMINUM MEAD WORKS	MEAD	3,219
10	WAD981766751	VANALCO	VANCOUVER	3,208
11	WAD009488131	INTALCO ALUMINUM CORP FERNDALE	FERNDALE	2,837
12	WAD041337130	BOEING AUBURN	AUBURN	1,908
13	WAD009242025	THERMAFIBER LLC	TACOMA	1,402
14	WAD041585464	BOEING EVERETT	EVERETT	1,401
15	WAD980976625	ALL WEATHER WOOD TREATERS	WASHOUGAL	1,350
16	WAD009252297	GEORGIA PACIFIC CORP	BELLINGHAM	1,236
17	WAD980723738	JOSEPH SIMON & SONS INC	TACOMA	1,173
18	WAH000007963	ALKI WAREHOUSE SITE	SPOKANE	1,121
19	WAD009273129	WEYERHAEUSER EVERETT	EVERETT	1,066
20	WAD092899574	BF GOODRICH KALAMA	KALAMA	1,062
21	WAD020257945	BURLINGTON ENVIRONMENTAL INC TACOMA	TACOMA	988
22	WAD009262171	BOEING RENTON	RENTON	901
23	WA1170023419	USN KEYPORT OU1	KEYPORT	857
24	WAD009275082	TESORO NORTHWEST CO	ANACORTES	836
25	WAD009276197	PUGET SOUND REFINING CO	ANACORTES	830
26	WAD981770852	METRO LAKE UNION FACILITY	SEATTLE	772
27	WAD008958357	CASCADE POLE & LUMBER CO TACOMA	TACOMA	645
28	WAD027530526	BAY ZINC CO INC	MOXEE CITY	547
29	WAD009067281	KAISER ALUMINUM & CHEMICAL CORPORATION	SPOKANE	518
30	WAD000711689	CHEMCENTRAL SEATTLE	KENT	412
31	WAD000712232	WILBUR ELLIS CO CHELAN	CHELAN	345
32	WAH000002246	WAFER TECH LLC	CAMAS	329
33	WAD980982383	AVX VANCOUVER CORP	VANCOUVER	288
34	WAD988482592	BOEING FREDERICKSON	PUYALLUP	278
35	WAD980982037	BOEING NORTH BOEING FIELD	SEATTLE	275
36	WAD991281767	BURLINGTON ENVIRONMENTAL INC KENT	KENT	271
37	WAD009249509	KENWORTH TRUCK CO	SEATTLE	253
38	WAD000812909	BURLINGTON ENVIRONMENTAL INC GEORGE	SEATTLE	232
39	WAH000000455	BHP COATED STEEL PACIFIC NW FAC	KALAMA	221
40	WAD000064642	HONEYWELL ELECTRONIC MATERIALS INC	SPOKANE	220
41	WAD009255647	SHIELDS BAG & PRINTING CO	YAKIMA	210
42	WAD069548154	ARCO PETROLEUM CHERRY POINT	FERNDALE	204
43	WAD988517934	KENWORTH TRUCK CO RENTON	RENTON	202
44	WAD001684588	EQUILON ENTERPRISES LLC	SEATTLE	198
45	WAR000008979	BF GOODRICH AEROSPACE HANGERS 1 & 3	EVERETT	191
46	WAD980980429	PLIANT CORP	KENT	188
47	WA5170027291	USN BANGOR SUBMARINE BASE	SILVERDALE	185
48	WAD980738652	WA UW SEATTLE CAMPUS	SEATTLE	180
49	WAD061670766	BOEING A&M SPACE CENTER	KENT	175
50	WAH000009415	ZANDT BRASS FOUNDRY	SEATTLE	171
Total				83,723

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

WASHINGTON

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	771	ONLY AN F CODE	5,843		
ONLY CORROSIVE	387	ONLY A K CODE	35,443		
ONLY REACTIVE	57	ONLY A P CODE	3		
ONLY D004-17	23,155	ONLY A U CODE	3,490		
ONLY D018-43	610				
HAS MORE THAN ONE CHARACTERISTIC CODE	4,446	HAS MORE THAN ONE LISTED CODE	444		
TOTAL	29,427	TOTAL	45,223	Both Characteristic and Listed	16,595

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	2,756			IGN. W/ AT LEAST 1 LSTD	11,939
HAS CORROSIVE CODE	307			CORR. W/ AT LEAST 1 LSTD	73
HAS REACTIVE CODE	130			REACT. W/ AT LEAST 1 LSTD	176
HAS D004-D017 CODE	4,001			D004-17 W/ AT LEAST 1 LSTD	3,929
HAS D018-D043 CODE	2,182			D018-43 W/ AT LEAST 1 LSTD	7,897
		HAS AN F CODE	117	F WASTE W/ AT LEAST 1 CHAR	14,862
		HAS A K CODE	117	K WASTE W/ AT LEAST 1 CHAR	1,370
		HAS A P CODE	327	P WASTE W/ AT LEAST 1 CHAR	21
		HAS A U CODE	327	U WASTE W/ AT LEAST 1 CHAR	832
TOTAL	4,446	TOTAL	444	TOTAL	16,595

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

WASHINGTON

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 23

7 Quantity of RCRA Hazardous Waste Managed: 27,371 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	WA7890008967	US DOE HANFORD FACILITY	RICHLAND	11,067
2	WAD000812909	BURLINGTON ENVIRONMENTAL INC GEORGE	SEATTLE	5,226
3	WAD981769110	EMERALD SERVICES INC	TACOMA	4,353
4	WAD991281767	BURLINGTON ENVIRONMENTAL INC KENT	KENT	3,989
5	WAD027530526	BAY ZINC CO INC	MOXEE CITY	2,520
6	WAD020257945	BURLINGTON ENVIRONMENTAL INC TACOMA	TACOMA	128
7	WAH000003111	MCCLARY COLUMBIA CORP TACOMA	TACOMA	49
8	WAD980976906	HALLMARK REFINING CORP	MOUNT VERNON	36
9	WA9214053465	USARMY HQ I CORPS & FORT LEWIS	FT LEWIS	0
10	WA1891406349	US DOE BPA ROSS COMPLEX	VANCOUVER	0
11	WAD041585464	BOEING EVERETT	EVERETT	0
12	WA2170023418	USN PSNS BREMERTON	BREMERTON	0
13	WA4170090001	NAVMAG INDIAN ISLAND	PORT HADLOCK	0
Total				27,371

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that managed waste.
 Facilities reporting storage only and their quantity managed are excluded.

WASHINGTON

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	2,556	9.3	3	23.1
SOLVENTS RECOVERY	M021-M029	799	2.9	4	30.8
INCINERATION	M041-M049	11	0.0	4	30.8
ENERGY RECOVERY	M051-M059	8	0.0	1	7.7
FUEL BLENDING	M061	9,907	36.2	3	23.1
STABILIZATION	M111-M119	3,021	11.0	6	46.2
LANDFILL	M132	11,067	40.4	1	7.7
OTHER DISPOSAL	M137	0	0.0	1	7.7
		27,371	100.0	13	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
LANDFILL	M132	11,067	40.4	1	7.7
FUEL BLENDING	M061	9,907	36.2	3	23.1
STABILIZATION	M111-M119	3,021	11.0	6	46.2
METALS RECOVERY	M011-M019	2,556	9.3	3	23.1
SOLVENTS RECOVERY	M021-M029	799	2.9	4	30.8
INCINERATION	M041-M049	11	0.0	4	30.8
ENERGY RECOVERY	M051-M059	8	0.0	1	7.7
OTHER DISPOSAL	M137	0	0.0	1	7.7
		27,371	100.0	13	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	3,021	11.0	6	46.2
SOLVENTS RECOVERY	M021-M029	799	2.9	4	30.8
INCINERATION	M041-M049	11	0.0	4	30.8
METALS RECOVERY	M011-M019	2,556	9.3	3	23.1
FUEL BLENDING	M061	9,907	36.2	3	23.1
ENERGY RECOVERY	M051-M059	8	0.0	1	7.7
LANDFILL	M132	11,067	40.4	1	7.7
OTHER DISPOSAL	M137	0	0.0	1	7.7
		27,371	100.0	13	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

WASHINGTON

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 503

13 Quantity of RCRA Hazardous Waste Shipped: 97,960 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	WA2170023418	USN PSNS BREMERTON	BREMERTON	13,515
2	WAD000812909	BURLINGTON ENVIRONMENTAL INC GEORGE	SEATTLE	11,050
3	WAD988487583	BIRMINGHAM STEEL CORP	SEATTLE	10,540
4	WAD009270794	ALCOA INC WENATCHEE WORKS	MALAGA	5,353
5	WAD991281767	BURLINGTON ENVIRONMENTAL INC KENT	KENT	5,008
6	WAD990828642	GOLDENDALE ALUMINUM CO	GOLDENDALE	4,696
7	WAD001882984	KAISER ALUMINUM TACOMA WORKS	TACOMA	4,440
8	WAD981769110	EMERALD SERVICES INC	TACOMA	4,244
9	WAD009256819	BOEING PLANT 2	SEATTLE	3,538
10	WAD000065508	KAISER ALUMINUM MEAD WORKS	MEAD	3,219
11	WAD981766751	VANALCO	VANCOUVER	3,208
12	WAD009488131	INTALCO ALUMINUM CORP FERNDALE	FERNDALE	2,157
13	WAD041337130	BOEING AUBURN	AUBURN	1,908
14	WAD020257945	BURLINGTON ENVIRONMENTAL INC TACOMA	TACOMA	1,800
15	WAD009242025	THERMAFIBER LLC	TACOMA	1,402
16	WAD041585464	BOEING EVERETT	EVERETT	1,400
17	WAD009252297	GEORGIA PACIFIC CORP	BELLINGHAM	1,236
18	WAH000007963	ALKI WAREHOUSE SITE	SPOKANE	1,124
19	WAD009273129	WEYERHAEUSER EVERETT	EVERETT	1,066
20	WAD009262171	BOEING RENTON	RENTON	901
21	WA1170023419	USN KEYPORT OU1	KEYPORT	857
22	WAD009275082	TESORO NORTHWEST CO	ANACORTES	836
23	WAD009276197	PUGET SOUND REFINING CO	ANACORTES	830
24	WAD981770852	METRO LAKE UNION FACILITY	SEATTLE	772
25	WAD008958357	CASCADE POLE & LUMBER CO TACOMA	TACOMA	645
26	WAD027530526	BAY ZINC CO INC	MOXEE CITY	547
27	WAD009067281	KAISER ALUMINUM & CHEMICAL CORPORATION	SPOKANE	518
28	WAD000711689	CHEMCENTRAL SEATTLE	KENT	412
29	WAD000712232	WILBUR ELLIS CO CHELAN	CHELAN	345
30	WAH000002246	WAFER TECH LLC	CAMAS	329
31	WAD980982383	AVX VANCOUVER CORP	VANCOUVER	288
32	WAD988482592	BOEING FREDERICKSON	PUYALLUP	278
33	WAD980982037	BOEING NORTH BOEING FIELD	SEATTLE	275
34	WAD009249509	KENWORTH TRUCK CO	SEATTLE	253
35	WAH000000455	BHP COATED STEEL PACIFIC NW FAC	KALAMA	221
36	WAD069548154	ARCO PETROLEUM CHERRY POINT	FERNDALE	204
37	WAD988517934	KENWORTH TRUCK CO RENTON	RENTON	202
38	WAD001684588	EQUILON ENTERPRISES LLC	SEATTLE	198
39	WAR000008979	BF GOODRICH AEROSPACE HANGERS 1 & 3	EVERETT	191
40	WA9214053465	USARMY HQ I CORPS & FORT LEWIS	FT LEWIS	176
41	WAD980738652	WA UW SEATTLE CAMPUS	SEATTLE	176
42	WAD061670766	BOEING A&M SPACE CENTER	KENT	175
43	WA5170027291	USN BANGOR SUBMARINE BASE	SILVERDALE	172
44	WAH000009415	ZANDT BRASS FOUNDRY	SEATTLE	171
45	WAD988522603	TORAY COMPOSITES AMERICA	TACOMA	165
46	WAH000009092	ALS RADIATOR REPAIR	SPOKANE	161
47	WAD053823019	JH BAXTER & CO ARLINGTON	ARLINGTON	154
48	WAD009253246	AUTO FINA CHEMICALS INC	TACOMA	144
49	WAR000007492	TTM TECHNOLOGIES	BURLINGTON	141
50	WAD988478723	NORTHWEST ETCH TECHNOLOGY INC TACOMA	TACOMA	140
Total				91,781

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

WASHINGTON

1999 WASTE RECEIPTS

- 15 Number of RCRA Hazardous Waste Receivers: 13
- 16 Quantity of RCRA Hazardous Waste Received: 31,769 Tons
- 17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	WA7890008967	US DOE HANFORD FACILITY	RICHLAND	11,068
2	WAD000812909	BURLINGTON ENVIRONMENTAL INC GEORGE	SEATTLE	7,238
3	WAD991281767	BURLINGTON ENVIRONMENTAL INC KENT	KENT	5,351
4	WAD981769110	EMERALD SERVICES INC	TACOMA	4,099
5	WAD027530526	BAY ZINC CO INC	MOXEE CITY	2,520
6	WAD020257945	BURLINGTON ENVIRONMENTAL INC TACOMA	TACOMA	1,399
7	WAH000003111	MCCLARY COLUMBIA CORP TACOMA	TACOMA	49
8	WAD980976906	HALLMARK REFINING CORP	MOUNT VERNON	36
9	WA2170023418	USN PSNS BREMERTON	BREMERTON	4
10	WA1891406349	US DOE BPA ROSS COMPLEX	VANCOUVER	2
11	WA9214053465	USARMY HQ I CORPS & FORT LEWIS	FT LEWIS	1
12	WAD092300250	BURLINGTON ENVIRONMENTAL WASHOUGAL	WASHOUGAL	0
13	WA1170023419	USN KEYPORT OU1	KEYPORT	0
Total				31,769

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

WASHINGTON

1999 WASTE RECEIPTS, CONTINUED

18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	2,556	9.4	3	33.3
SOLVENTS RECOVERY	M021-M029	798	2.9	3	33.3
INCINERATION	M041-M049	11	0.0	3	33.3
ENERGY RECOVERY	M051-M059	8	0.0	1	11.1
FUEL BLENDING	M061	9,653	35.6	3	33.3
STABILIZATION	M111-M119	3,021	11.1	4	44.4
LANDFILL	M132	11,067	40.8	1	11.1
		27,116	100.0	9	

19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
LANDFILL	M132	11,067	40.8	1	11.1
FUEL BLENDING	M061	9,653	35.6	3	33.3
STABILIZATION	M111-M119	3,021	11.1	4	44.4
METALS RECOVERY	M011-M019	2,556	9.4	3	33.3
SOLVENTS RECOVERY	M021-M029	798	2.9	3	33.3
INCINERATION	M041-M049	11	0.0	3	33.3
ENERGY RECOVERY	M051-M059	8	0.0	1	11.1
		27,116	100.0	9	

20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
STABILIZATION	M111-M119	3,021	11.1	4	44.4
METALS RECOVERY	M011-M019	2,556	9.4	3	33.3
SOLVENTS RECOVERY	M021-M029	798	2.9	3	33.3
INCINERATION	M041-M049	11	0.0	3	33.3
FUEL BLENDING	M061	9,653	35.6	3	33.3
ENERGY RECOVERY	M051-M059	8	0.0	1	11.1
LANDFILL	M132	11,067	40.8	1	11.1
		27,116	100.0	9	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

WASHINGTON

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 10,302 Tons

22 Quantity of RCRA Hazardous Waste Exported: 76,296 Tons

WEST VIRGINIA

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 139
- 2 Quantity of RCRA Hazardous Waste Generated: 92,503 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	WVD004325353	CK WITCO CORPORATION - FRIENDLY	FRIENDLY	21,631
2	WVD005005509	RHONE-POULENC INSTITUTE PLANT	INSTITUTE	18,850
3	WVD004341491	CYTEC INDUSTRIES, WILLOW ISLAND PLANT	WILLOW ISLAND	11,929
4	WVD056866312	BAYER CORP.	NEW MARTINSVILLE	6,162
5	WVD045875291	DUPONT - WASHINGTON WORKS	WASHINGTON	5,130
6	WVD005005483	UCC - SOUTH CHARLESTON	SOUTH CHARLESTON	3,252
7	WVR000016469	CENTURY ALUMINUM OF WV, INC.	RAVENSWOOD	2,940
8	WVD092809672	KANAWHA MOTIVE POWER - USEPA	MONTGOMERY	2,352
9	WVD072667801	SWVA, INC.	HUNTINGTON	2,230
10	WVD045879087	SHEIDOW BRONZE CORPORATION	KINGWOOD	1,997
11	WVD005012851	DUPONT - BELLE PLANT/INEOS ACRYLICS, INC	BELLE	1,783
12	WVD000650903	HEINZ PET PRODUCTS	WEIRTON	1,469
13	WV0000352583	LYONDELL CHEM. (UCC - SO. CHAS)	SOUTH CHARLESTON	1,443
14	WVD000068908	WEIRTON STEEL CORPORATION	WEIRTON	1,283
15	WVD981738909	AMERICAN WOODMARK	MOOREFIELD	815
16	WVD004336343	PPG INDUSTRIES, INC.	NEW MARTINSVILLE	796
17	WVD004319539	WHEELING-PITTSBURGH STEEL - FOLLANSBEE	FOLLANSBEE	628
18	WVR000008003	ARVIN-ROLL COATER	WEIRTON	505
19	WVD988774626	BENS RUN RECYCLING FACILITY	FRIENDLY	494
20	WVD061769592	CROWN CORK & SEAL CO. INC.	WEIRTON	406
21	WVD000765297	HANLIN	MOUNDSVILLE	376
22	WVD005005087	GREAT LAKES CHEMICAL CORPORATION	NITRO	375
23	WVD988776852	BOMBARDIER AEROSPACE	BRIDGEPORT	361
24	WVD009708702	AKZO NOBEL FUNCTIONAL CHEMICALS LLC	GALLIPOLIS FERRY	354
25	WVD980552384	GE SPECIALTY CHEMICALS - NORTH PLANT	MORGANTOWN	309
26	WVD041517830	UNITED STATES CAN COMPANY	WEIRTON	297
27	WVR000010058	ERGON - WEST VIRGINIA	NEWELL	289
28	WVR000014597	MINE BATTERY SERVICE, INC.	BEAVER	280
29	WVD056795842	BFGOODRICH AEROSPACE, IPSD	UNION	272
30	WVD076826015	INCO ALLOYS INTERNATIONAL INC.	HUNTINGTON,	251
31	WVD060682291	UCC - TECH. CENTER	SOUTH CHARLESTON	249
32	WVD039990965	FLEXSYS - NITRO PLANT	NITRO	237
33	WVD988768198	BALL METAL FOOD CONTAINER CORP.	WEIRTON	210
34	WVP000007428	CANTON TIRE RECYCLING WV, INC.(7428)	PARKERSBURG	201
35	WVD005004866	ACF INDUSTRIES, INC.	HUNTINGTON	194
36	WVD981730757	AC&S INC.	NITRO	158
37	WVD004336749	KOPPERS INDUSTRIES - FOLLANSBEE	FOLLANSBEE	122
38	WVD981742679	CSX TRANSPORTATION - BARBOURSVILLE	BARBOURSVILLE	115
39	WVD003074770	CORNING CONSUMER PRODUCTS COMPANY	MARTINSBURG	105
40	WVD052574753	COYNE TEXTILE SERVICES	HUNTINGTON	99
41	WVD061776977	GE SPECIALTY CHEMICALS - SOUTH PLANT	MORGANTOWN	91
42	WVD088911854	GENERAL ELECTRIC COMPANY	WASHINGTON	88
43	WVD004337135	ST. MARYS REFINING CO., INC.	ST. MARY'S	85
44	WVP000007437	WVDOH - ORPHAN BORON STATION	MINERAL WELLS	82
45	WVD016116428	DANA TRANSPORT INC.	NITRO	74
46	WVD981107600	REGENERATION TECHNOLOGIES, INC.	MORGANTOWN	69
47	WVD982701732	SWANSON PLATING COMPANY, INC.	MORGANTOWN	66
48	WVD988767927	COLUMBIA GAS - LANHAM COMPRESSOR STATION	CHARLESTON	65
49	WVD059295998	MYLAN - CHESTNUT RIDGE ROAD FACILITY	MORGANTOWN	64
50	WVD981109515	FRISKIES PETCARE - WEIRTON, WV	WEIRTON	64
Total				91,696

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

WEST VIRGINIA

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	2,788	ONLY AN F CODE	1,174		
ONLY CORROSIVE	573	ONLY A K CODE	8,277		
ONLY REACTIVE	41	ONLY A P CODE	1		
ONLY D004-17	4,774	ONLY A U CODE	892		
ONLY D018-43	1,396				
HAS MORE THAN ONE CHARACTERISTIC CODE	15,923	HAS MORE THAN ONE LISTED CODE	27,488		
TOTAL	25,495	TOTAL	37,832	Both Characteristic and Listed	29,139

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	14,678			IGN. W/ AT LEAST 1 LSTD	27,742
HAS CORROSIVE CODE	2,352			CORR. W/ AT LEAST 1 LSTD	8,938
HAS REACTIVE CODE	1,671			REACT. W/ AT LEAST 1 LSTD	901
HAS D004-D017 CODE	2,048			D004-17 W/ AT LEAST 1 LSTD	8,134
HAS D018-D043 CODE	11,488			D018-43 W/ AT LEAST 1 LSTD	20,567
		HAS AN F CODE	27,457	F WASTE W/ AT LEAST 1 CHAR	27,400
		HAS A K CODE	11,167	K WASTE W/ AT LEAST 1 CHAR	8,522
		HAS A P CODE	11	P WASTE W/ AT LEAST 1 CHAR	4
		HAS A U CODE	16,348	U WASTE W/ AT LEAST 1 CHAR	696
TOTAL	15,923	TOTAL	27,488	TOTAL	29,139

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

WEST VIRGINIA**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 22

7 Quantity of RCRA Hazardous Waste Managed: 55,017 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	WVD005005509	RHONE-POULENC INSTITUTE PLANT	INSTITUTE	18,630
2	WVD004325353	CK WITCO CORPORATION - FRIENDLY	FRIENDLY	16,226
3	WVD004341491	CYTEC INDUSTRIES, WILLOW ISLAND PLANT	WILLOW ISLAND	8,475
4	WVD056866312	BAYER CORP.	NEW MARTINSVILLE	6,988
5	WVD045875291	DUPONT - WASHINGTON WORKS	WASHINGTON	4,622
6	WVD981107600	REGENERATION TECHNOLOGIES, INC.	MORGANTOWN	76
Total				55,017

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

WEST VIRGINIA

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
OTHER RECOVERY	M031-M039	12	0.0	1	16.7
INCINERATION	M041-M049	20,566	37.4	4	66.7
ENERGY RECOVERY	M051-M059	18,151	33.0	2	33.3
LANDFILL	M132	16,288	29.6	2	33.3
		55,017	100.0	6	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	20,566	37.4	4	66.7
ENERGY RECOVERY	M051-M059	18,151	33.0	2	33.3
LANDFILL	M132	16,288	29.6	2	33.3
OTHER RECOVERY	M031-M039	12	0.0	1	16.7
		55,017	100.0	6	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	20,566	37.4	4	66.7
ENERGY RECOVERY	M051-M059	18,151	33.0	2	33.3
LANDFILL	M132	16,288	29.6	2	33.3
OTHER RECOVERY	M031-M039	12	0.0	1	16.7
		55,017	100.0	6	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

WEST VIRGINIA

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 128

13 Quantity of RCRA Hazardous Waste Shipped: 40,530 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	WVD004325353	CK WITCO CORPORATION - FRIENDLY	FRIENDLY	5,366
2	WVD004341491	CYTEC INDUSTRIES, WILLOW ISLAND PLANT	WILLOW ISLAND	3,453
3	WVD056866312	BAYER CORP.	NEW MARTINSVILLE	3,280
4	WVR000016469	CENTURY ALUMINUM OF WV, INC.	RAVENSWOOD	2,963
5	WVD005005483	UCC - SOUTH CHARLESTON	SOUTH CHARLESTON	2,245
6	WVD072667801	SWVA, INC.	HUNTINGTON	2,230
7	WVD045879087	SHEIDOW BRONZE CORPORATION	KINGWOOD	2,003
8	WVD005012851	DUPONT - BELLE PLANT/INEOS ACRYLICS, INC	BELLE	1,568
9	WVD000650903	HEINZ PET PRODUCTS	WEIRTON	1,469
10	WV0000352583	LYONDELL CHEM. (UCC - SO. CHAS)	SOUTH CHARLESTON	1,443
11	WVD981034101	SAFETY-KLEEN SYSTEMS, INC. - WHEELING	WHEELING	1,306
12	WVD000068908	WEIRTON STEEL CORPORATION	WEIRTON	1,280
13	WVD004336343	PPG INDUSTRIES, INC.	NEW MARTINSVILLE	840
14	WVD981738909	AMERICAN WOODMARK	MOOREFIELD	815
15	WVD092809672	KANAWHA MOTIVE POWER - USEPA	MONTGOMERY	637
16	WVD004319539	WHEELING-PITTSBURGH STEEL - FOLLANSBEE	FOLLANSBEE	627
17	WVD045875291	DUPONT - WASHINGTON WORKS	WASHINGTON	520
18	WVR000008003	ARVIN-ROLL COATER	WEIRTON	505
19	WVD988774626	BENS RUN RECYCLING FACILITY	FRIENDLY	494
20	WVD076826015	INCO ALLOYS INTERNATIONAL INC.	HUNTINGTON,	443
21	WVD061769592	CROWN CORK & SEAL CO. INC.	WEIRTON	406
22	WVD000765297	HANLIN	MOUNDSVILLE	394
23	WVD005005087	GREAT LAKES CHEMICAL CORPORATION	NITRO	375
24	WVD988776852	BOMBARDIER AEROSPACE	BRIDGEPORT	361
25	WVD980552384	GE SPECIALTY CHEMICALS - NORTH PLANT	MORGANTOWN	309
26	WVD041517830	UNITED STATES CAN COMPANY	WEIRTON	297
27	WVR000010058	ERGON - WEST VIRGINIA	NEWELL	289
28	WVR000014597	MINE BATTERY SERVICE, INC.	BEAVER	280
29	WVD056795842	BFGOODRICH AEROSPACE, IPSD	UNION	272
30	WVD009708702	AKZO NOBEL FUNCTIONAL CHEMICALS LLC	GALLIPOLIS FERRY	260
31	WVD005005509	RHONE-POULENC INSTITUTE PLANT	INSTITUTE	251
32	WVD039990965	FLEXSYS - NITRO PLANT	NITRO	237
33	WVD060682291	UCC - TECH. CENTER	SOUTH CHARLESTON	237
34	WVD988768198	BALL METAL FOOD CONTAINER CORP.	WEIRTON	210
35	WVD005010277	OCCIDENTAL CHEMICAL CORPORATION	BELEE	209
36	WVP000007428	CANTON TIRE RECYCLING WV, INC.(7428)	PARKERSBURG	201
37	WVD005004866	ACF INDUSTRIES, INC.	HUNTINGTON	194
38	WVR000001446	SAFETY-KLEEN SYSTEMS, INC. - POCA	POCA	173
39	WVD981730757	AC&S INC.	NITRO	158
40	WVD004336749	KOPPERS INDUSTRIES - FOLLANSBEE	FOLLANSBEE	122
41	WVD981742679	CSX TRANSPORTATION - BARBOURSVILLE	BARBOURSVILLE	115
42	WVD003074770	CORNING CONSUMER PRODUCTS COMPANY	MARTINSBURG	105
43	WVD052574753	COYNE TEXTILE SERVICES	HUNTINGTON	99
44	WVD061776977	GE SPECIALTY CHEMICALS - SOUTH PLANT	MORGANTOWN	91
45	WVD088911854	GENERAL ELECTRIC COMPANY	WASHINGTON	88
46	WVD004337135	ST. MARYS REFINING CO., INC.	ST. MARY'S	85
47	WVP000007437	WVDOH - ORPHAN BORON STATION	MINERAL WELLS	82
48	WVD982701732	SWANSON PLATING COMPANY, INC.	MORGANTOWN	66
49	WVD988767927	COLUMBIA GAS - LANHAM COMPRESSOR STATION	CHARLESTON	65
50	WVD059295998	MYLAN - CHESTNUT RIDGE ROAD FACILITY	MORGANTOWN	64
Total				39,581

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

WEST VIRGINIA

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 4

16 Quantity of RCRA Hazardous Waste Received: 4,187 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	WVD056866312	BAYER CORP.	NEW MARTINSVILLE	4,110
2	WVD981107600	REGENERATION TECHNOLOGIES, INC.	MORGANTOWN	38
3	WVD005005509	RHONE-POULENC INSTITUTE PLANT	INSTITUTE	37
4	WVD980552384	GE SPECIALTY CHEMICALS - NORTH PLANT	MORGANTOWN	1
Total				4,187

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

WEST VIRGINIA

1999 WASTE RECEIPTS, CONTINUED

18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
INCINERATION	M041-M049	38	0.9	1	33.3
ENERGY RECOVERY	M051-M059	4,147	99.1	2	66.7
		4,185	100.0	3	

19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	4,147	99.1	2	66.7
INCINERATION	M041-M049	38	0.9	1	33.3
		4,185	100.0	3	

20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
ENERGY RECOVERY	M051-M059	4,147	99.1	2	66.7
INCINERATION	M041-M049	38	0.9	1	33.3
		4,185	100.0	3	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

WEST VIRGINIA

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 4,148 Tons

22 Quantity of RCRA Hazardous Waste Exported: 40,464 Tons

WISCONSIN

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 540
- 2 Quantity of RCRA Hazardous Waste Generated: 159,174 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	WID006069504	NATIONAL RIVET & MFG CO	WAUPUN	46,123
2	WID076151364	SCIENTIFIC PROTEIN LABORATORIES INC	WAUNAKEE	16,541
3	WID006073225	KOHLER COMPANY	KOHLER	15,699
4	WID000808824	HYDRITE CHEMICAL COMPANY	COTTAGE GROVE	7,639
5	WI9210020054	US ARMY BADGER AMMUNITION PLANT	BARABOO	7,364
6	WID028877074	CHARTER STEEL	SAUKVILLE	7,237
7	WID006070320	WELLS MFG CORP	FOND DU LAC	4,191
8	WID980570055	CRUCIBLE MATERIALS CORP TRENT TUBE PLT	EAST TROY	3,999
9	WID059972935	PPG INDUSTRIES INC	OAK CREEK	3,907
10	WID006125215	TYCO SUPPRESSION SYSTEMS - ANSUL	MARINETTE	3,526
11	WIR000046276	SC JOHNSON - POLYMER WAXDALE	STURTEVANT	3,304
12	WID023350192	MILSOLV CORP	MENOMONEE FALLS	2,850
13	WID006091425	S C JOHNSON & SON INC (WAXDALE)	STURTEVANT	2,222
14	WID060446499	AMERICAN PACKAGING CORP	COLUMBUS	1,872
15	WID006194336	MURPHY OIL - TANK 1 & 2 (FORMER)	SUPERIOR	1,553
16	WID000713461	ALDRICH CHEMICAL CO INC	SHEBOYGAN FALLS	1,409
17	WID980898266	SPECIALTY CHEM PRODUCTS CORP	MARINETTE	1,383
18	WID000711077	PHOTRONICS INC	MILWAUKEE	1,315
19	WID988573556	HONEYWELL SEMICONDUCTOR PKG INC	CHIPPEWA FALLS	1,263
20	WIT560010746	PROFESSIONAL PLATING	BRILLION	1,195
21	WID988575452	RUST-OLEUM CORPORATION	PLEASANT PRAIRIE	1,160
22	WID006425888	JAGEMANN PLATING CO INC	MANITOWOC	945
23	WID006096192	ACME GALVANIZING INC	MILWAUKEE	760
24	WIT560011595	CURWOOD INC BEMIS FILMS	OSHKOSH	757
25	WID000808964	3M PRAIRIE DU CHIEN BUILDING 50	PRAIRIE DU CHIEN	649
26	WID006113906	ALDRICH CHEMICAL CO INC	MILWAUKEE	488
27	WID006103766	SHEBOYGAN PAINT COMPANY	SHEBOYGAN	487
28	WID042622274	CBS CORPORATION	MILWAUKEE	459
29	WID023394158	HENTZEN COATINGS INC	MILWAUKEE	434
30	WID001781186	INDUSTRIAL TOWEL & UNIFORM INC	NEW BERLIN	410
31	WID006144737	CURWOOD INC	NEW LONDON	401
32	WID980826176	APOGEE WAUSAU GROUP INC LINETEC DIV	WAUSAU	354
33	WID981527013	RAABE CORP	MENOMONEE FALLS	298
34	WID073854044	J AND L FIBER SERVICES	WAUKESHA	296
35	WID981529233	RELIABLE PLATING WORKS INC	MILWAUKEE	295
36	WID094361458	GOLDSCHMIDT SKW OLEOCHEMICALS	JANESVILLE	281
37	WID982071458	ASHLEY FURNITURE INC	WHITEHALL	280
38	WID073830028	MERCURY MARINE FDL COMPLEX	FOND DU LAC TN	262
39	WID046535654	DURALAM INC	APPLETON	258
40	WID091781625	BANNER PACKAGING INC	OSHKOSH	250
41	WID006119978	PECHINEY PLASTIC PACKAGING INC	MENASHA	246
42	WID980584114	AMERICAS BEST QUALITY COATINGS CORP	MILWAUKEE	230
43	WID006089189	MACWHYTE	KENOSHA	228
44	WIT560010373	BRADY USA INC - FLORIST AVE PLT	GLENDALE	228
45	WID006156400	MASTERCRAFT INDUSTRIES INC	RICE LAKE	226
46	WID980901391	AMERICAN FINISHING RESOURCES INC	CHILTON	215
47	WID048027734	BRILLION IRON WORKS INC	BRILLION	214
48	WID002987865	TOMAH PRODUCTS INC	MILTON	204
49	WID051894244	PRINTPACK INC	RHINELANDER	203
50	WIR000001552	PECHINEY PLASTIC PACKAGING INC	BOSCOBEL	195
Total				146,303

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

WISCONSIN

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	31,579	ONLY AN F CODE	30,623		
ONLY CORROSIVE	13,088	ONLY A K CODE	8,330		
ONLY REACTIVE	100	ONLY A P CODE	1		
ONLY D004-17	67,592	ONLY A U CODE	47		
ONLY D018-43	7,814				
HAS MORE THAN ONE CHARACTERISTIC CODE	0	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	120,173	TOTAL	39,000	Both Characteristic and Listed	0

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	0			IGN. W/ AT LEAST 1 LSTD	0
HAS CORROSIVE CODE	0			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	0			D004-17 W/ AT LEAST 1 LSTD	0
HAS D018-D043 CODE	0			D018-43 W/ AT LEAST 1 LSTD	0
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	0
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	0
TOTAL	0	TOTAL	0	TOTAL	0

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

WISCONSIN**1999 WASTE MANAGEMENT**

6 Number of RCRA TSD Facilities (TSDFs): 18

7 Quantity of RCRA Hazardous Waste Managed: 6,671 Tons

8 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 1999

Rank	EPA ID	Site Name	City	Tons of Waste Managed
1	WID000808824	HYDRITE CHEMICAL COMPANY	COTTAGE GROVE	6,306
2	WID006091425	S C JOHNSON & SON INC (WAXDALE)	STURTEVANT	237
3	WID980615439	COOK COMPOSITES & POLYMERS CO	SAUKVILLE	82
4	WID046536231	VULCAN MATERIALS CO-VULCAN CHEMICALS DIV	PORT EDWARDS	47
Total				6,671

Note: Columns may not sum due to rounding.
State may have fewer than fifty facilities that managed waste.
Facilities reporting storage only and their quantity managed are excluded.

WISCONSIN

1999 WASTE MANAGEMENT, CONTINUED

9 Quantity of RCRA Hazardous Waste Managed by Management Method, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	47	0.7	1	25.0
SOLVENTS RECOVERY	M021-M029	6,238	93.5	1	25.0
INCINERATION	M041-M049	82	1.2	1	25.0
ENERGY RECOVERY	M051-M059	236	3.5	1	25.0
FUEL BLENDING	M061	68	1.0	1	25.0
OTHER DISPOSAL	M137	0	0.0	1	25.0
		6,671	100.0	4	

10 Management Method by Quantity of RCRA Hazardous Waste Managed, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	6,238	93.5	1	25.0
ENERGY RECOVERY	M051-M059	236	3.5	1	25.0
INCINERATION	M041-M049	82	1.2	1	25.0
FUEL BLENDING	M061	68	1.0	1	25.0
METALS RECOVERY	M011-M019	47	0.7	1	25.0
OTHER DISPOSAL	M137	0	0.0	1	25.0
		6,671	100.0	4	

11 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 1999

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
METALS RECOVERY	M011-M019	47	0.7	1	25.0
SOLVENTS RECOVERY	M021-M029	6,238	93.5	1	25.0
INCINERATION	M041-M049	82	1.2	1	25.0
ENERGY RECOVERY	M051-M059	236	3.5	1	25.0
FUEL BLENDING	M061	68	1.0	1	25.0
OTHER DISPOSAL	M137	0	0.0	1	25.0
		6,671	100.0	4	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

WISCONSIN

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 505

13 Quantity of RCRA Hazardous Waste Shipped: 70,284 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	WID000808824	HYDRITE CHEMICAL COMPANY	COTTAGE GROVE	8,416
2	WID028877074	CHARTER STEEL	SAUKVILLE	7,237
3	WI9210020054	US ARMY BADGER AMMUNITION PLANT	BARABOO	4,858
4	WID023350192	MILSOLV CORP	MENOMONEE FALLS	4,601
5	WID059972935	PPG INDUSTRIES INC	OAK CREEK	3,916
6	WIR000046276	SC JOHNSON - POLYMER WAXDALE	STURTEVANT	3,304
7	WID006091425	S C JOHNSON & SON INC (WAXDALE)	STURTEVANT	1,694
8	WID980898266	SPECIALTY CHEM PRODUCTS CORP	MARINETTE	1,425
9	WID000713461	ALDRICH CHEMICAL CO INC	SHEBOYGAN FALLS	1,409
10	WID000711077	PHOTRONICS INC	MILWAUKEE	1,315
11	WID988573556	HONEYWELL SEMICONDUCTOR PKG INC	CHIPPEWA FALLS	1,263
12	WID006130405	PLASITE PROTECTIVE COATINGS INC	GREEN BAY	1,229
13	WID988580056	EOG ENVIRONMENTAL	MILWAUKEE	1,212
14	WID988575452	RUST-OLEUM CORPORATION	PLEASANT PRAIRIE	1,160
15	WID006425888	JAGEMANN PLATING CO INC	MANITOWOC	945
16	WID006194336	MURPHY OIL - TANK 1 & 2 (FORMER)	SUPERIOR	914
17	WID006096192	ACME GALVANIZING INC	MILWAUKEE	760
18	WID000808964	3M PRAIRIE DU CHIEN BUILDING 50	PRAIRIE DU CHIEN	731
19	WID981187297	SAFETY-KLEEN SYSTEMS INC	KAUKAUNA	695
20	WID980896633	SAFETY-KLEEN SYSTEMS INC - MADISON	MADISON	639
21	WID006073225	KOHLER COMPANY	KOHLER	591
22	WID981527013	RAABE CORP	MENOMONEE FALLS	516
23	WID006103766	SHEBOYGAN PAINT COMPANY	SHEBOYGAN	487
24	WID006113906	ALDRICH CHEMICAL CO INC	MILWAUKEE	482
25	WID042622274	CBS CORPORATION	MILWAUKEE	459
26	WID023394158	HENTZEN COATINGS INC	MILWAUKEE	434
27	WID006125215	TYCO SUPPRESSION SYSTEMS - ANSUL	MARINETTE	424
28	WID001781186	INDUSTRIAL TOWEL & UNIFORM INC	NEW BERLIN	424
29	WID094361458	GOLDSCHMIDT SKW OLEOCHEMICALS	JANESVILLE	413
30	WID006144737	CURWOOD INC	NEW LONDON	388
31	WID980826176	APOGEE WAUSAU GROUP INC LINETEC DIV	WAUSAU	354
32	WID982071458	ASHLEY FURNITURE INC	WHITEHALL	330
33	WID981529233	RELIABLE PLATING WORKS INC	MILWAUKEE	296
34	WID073854044	J AND L FIBER SERVICES	WAUKESHA	296
35	WID076151364	SCIENTIFIC PROTEIN LABORATORIES INC	WAUNAKEE	278
36	WIR000000356	MERCURY WASTE SOLUTIONS INC	UNION GROVE	266
37	WID073830028	MERCURY MARINE FDL COMPLEX	FOND DU LAC TN	262
38	WID046535654	DURALAM INC	APPLETON	258
39	WID980896641	SAFETY-KLEEN SYSTEMS INC - LACROSSE	LA CROSSE	257
40	WID006119978	PECHINEY PLASTIC PACKAGING INC	MENASHA	246
41	WIT560010373	BRADY USA INC - FLORIST AVE PLT	GLENDALE	238
42	WID006089189	MACWHYTE	KENOSHA	228
43	WID980584114	AMERICAS BEST QUALITY COATINGS CORP	MILWAUKEE	224
44	WID980901391	AMERICAN FINISHING RESOURCES INC	CHILTON	214
45	WID048027734	BRILLION IRON WORKS INC	BRILLION	212
46	WIT560011595	CURWOOD INC BEMIS FILMS	OSHKOSH	208
47	WID002987865	TOMAH PRODUCTS INC	MILTON	204
48	WI0001020551	REYNOLDS WHEELS INTERNATIONAL	BELOIT	196
49	WIR000001552	PECHINEY PLASTIC PACKAGING INC	BOSCOBEL	195
50	WID006097281	TRENT TUBE DIV	EAST TROY	194
Total				57,299

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

Exclusion of wastewater from the 1999 National Biennial Report will make cursory comparisons of the 1999 National Biennial Report to National Biennial Reports prior to 1997 misleading. Refer to Executive Summary (ES-2) for a complete explanation.

WISCONSIN

1999 WASTE RECEIPTS

15 Number of RCRA Hazardous Waste Receivers: 4

16 Quantity of RCRA Hazardous Waste Received: 6,501 Tons

17 Fifty Largest RCRA Hazardous Waste Receivers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Received (Tons)
1	WID000808824	HYDRITE CHEMICAL COMPANY	COTTAGE GROVE	6,380
2	WID980615439	COOK COMPOSITES & POLYMERS CO	SAUKVILLE	82
3	WID000809012	UW MADISON - SAFETY DEPT- MILL ST FACILI	MADISON	34
4	WID006091425	S C JOHNSON & SON INC (WAXDALE)	STURTEVANT	6
Total				6,501

Note: Columns may not sum due to rounding.
 State may have fewer than fifty facilities that received waste.

WISCONSIN

1999 WASTE RECEIPTS, CONTINUED

**18 Quantity of RCRA Hazardous Waste Managed by Management Method
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	6,238	97.7	1	33.3
INCINERATION	M041-M049	82	1.3	1	33.3
FUEL BLENDING	M061	68	1.1	1	33.3
OTHER DISPOSAL	M137	0	0.0	1	33.3
		6,388	100.0	3	

**19 Management Method by Quantity of RCRA Hazardous Waste Managed
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	6,238	97.7	1	33.3
INCINERATION	M041-M049	82	1.3	1	33.3
FUEL BLENDING	M061	68	1.1	1	33.3
OTHER DISPOSAL	M137	0	0.0	1	33.3
		6,388	100.0	3	

**20 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities
Limited to Waste Received from Offsite, 1999**

Management Method	System Type Code	Quantity Managed (tons)	Percentage of Quantity	Number of Facilities	Percentage of Facilities
SOLVENTS RECOVERY	M021-M029	6,238	97.7	1	33.3
INCINERATION	M041-M049	82	1.3	1	33.3
FUEL BLENDING	M061	68	1.1	1	33.3
OTHER DISPOSAL	M137	0	0.0	1	33.3
		6,388	100.0	3	

Note: Facilities reporting storage only and their quantity managed are excluded.
Columns may not sum due to rounding.
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

WISCONSIN

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 4,624 Tons

22 Quantity of RCRA Hazardous Waste Exported: 57,243 Tons

WYOMING

1999 WASTE GENERATION

- 1 Number of RCRA Large Quantity Generators (LQGs): 22
- 2 Quantity of RCRA Hazardous Waste Generated: 4,746 Tons
- 3 Fifty Largest RCRA Hazardous Waste Generators in the State, 1999

Rank	EPA ID	Site Name	City	Total Generated (Tons)
1	WYD088677943	TEXACO REFINING & MARKETING INC	EVANSVILLE	1,981
2	WYR000000737	TETRA MICRONUTRIENTS, INC.	CHEYENNE	988
3	WYD051843613	FRONTIER REFINING INC.	CHEYENNE	819
4	WYD079959185	SINCLAIR OIL CORPORATION	SINCLAIR	268
5	WYD007064447	AMOCO OIL COMPANY FORMER CASPER REFINERY	CASPER	207
6	WY0000029249	NEDLOG TECHNOLOGY GROUP	LARAMIE	206
7	WYD043705102	NEWCASTLE REFINERY	NEWCASTLE	80
8	WY0000082743	SINCLAIR CASPER PIPELINE STATION	CASPER	59
9	WYD048743009	SINCLAIR - CASPER REFINERY	CASPER	33
10	WYD061112470	UNION PACIFIC RAILROAD TIMBER TRT PLANT	LARAMIE	30
11	WYR000001495	KFX FUEL PARTNERS LP	GILLETTE	13
12	WYD000003061	WYOMING LAW ENFORCEMENT ACADEMY	DOUGLAS	11
13	WYD988869269	SILVER EAGLE REFINING	EVANSTON	10
14	WY5571924179	FRANCIS E WARREN AFB	CHEYENNE	10
15	WYD988872776	EXCAL INC	MILLS	9
16	WYD000712687	NALCO/EXXON ENERGY	EVANSVILLE	9
17	WYD120371810	UNION PACIFIC RAILROAD YARD	CHEYENNE	5
18	WYD042634865	KOCH SULFUR PRODUCTS COMPANY	RIVERTON	3
19	WYD991301086	AMOCO OIL CO PIPELINE TANK FARM	CASPER	3
20	WYT000010082	PACIFICORP-NAUGHTON PLANT	KEMMERER	2
21	WYT000010009	CIG TABLE ROCK PLANT	ROCK SPRINGS	1
22	WYR000002568	SWEETWATER COUNTY SCHOOL DISTRICT NO. 2	GREEN RIVER	0
Total				4,746

Note: State may have fewer than fifty generators.
Generators with zero quantity generated are excluded.

WYOMING

1999 WASTE GENERATION, CONTINUED

4 Quantities of Waste Generated in 1999 That Were:

- Reported with Only Characteristic Waste Codes
- Reported with Only Listed Waste Codes
- Reported with Both Characteristic and Listed Waste codes

Waste Has Only Characteristic Codes	Tons of Waste Generated	Waste Has Only Listed Codes	Tons of Waste Generated	Waste Has Both Characteristic And Listed Codes	Tons of Waste Generated
ONLY IGNITABLE	4	ONLY AN F CODE	1,504		
ONLY CORROSIVE	1	ONLY A K CODE	913		
ONLY REACTIVE	0	ONLY A P CODE	0		
ONLY D004-17	2,176	ONLY A U CODE	0		
ONLY D018-43	50				
HAS MORE THAN ONE CHARACTERISTIC CODE	69	HAS MORE THAN ONE LISTED CODE	0		
TOTAL	2,299	TOTAL	2,417	Both Characteristic and Listed	29

5 Quantities of Waste Generated in 1999 That Were Multiply Coded

Waste Has Only Characteristic Codes But More Than One Applies	Tons of Waste Generated	Only Listed Codes But Has More Than One	Tons of Waste Generated	Both Characteristic And Listed Codes	Tons of Waste Generated
HAS IGNITABLE CODE	52			IGN. W/ AT LEAST 1 LSTD	9
HAS CORROSIVE CODE	0			CORR. W/ AT LEAST 1 LSTD	0
HAS REACTIVE CODE	0			REACT. W/ AT LEAST 1 LSTD	0
HAS D004-D017 CODE	60			D004-17 W/ AT LEAST 1 LSTD	15
HAS D018-D043 CODE	27			D018-43 W/ AT LEAST 1 LSTD	13
		HAS AN F CODE	0	F WASTE W/ AT LEAST 1 CHAR	13
		HAS A K CODE	0	K WASTE W/ AT LEAST 1 CHAR	0
		HAS A P CODE	0	P WASTE W/ AT LEAST 1 CHAR	0
		HAS A U CODE	0	U WASTE W/ AT LEAST 1 CHAR	16
TOTAL	69	TOTAL	0	TOTAL	29

Note: Columns do not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

WYOMING

1999 WASTE MANAGEMENT

6 Number of RCRA TSD Facilities (TSDFs): 2

7 Quantity of RCRA Hazardous Waste Managed: 0 Tons

Table 8 has been omitted from this report because there were no facilities in the State of Wyoming that reported managing RCRA hazardous waste in 1999 other than as a storage-only facility.

WYOMING

1999 WASTE MANAGEMENT, CONTINUED

Tables 9, 10, and 11 have been omitted from this report because there were no facilities in the State of Wyoming that reported managing RCRA hazardous waste in 1999 other than as a storage-only facility.

WYOMING

1999 WASTE SHIPMENTS

12 Number of RCRA Hazardous Waste Shippers: 21

13 Quantity of RCRA Hazardous Waste Shipped: 4,027 Tons

14 Fifty Largest RCRA Hazardous Waste Shippers in the State, 1999

Rank	EPA ID	Site Name	City	Quantity Shipped (Tons)
1	WYD088677943	TEXACO REFINING & MARKETING INC	EVANSVILLE	1,981
2	WYR000000737	TETRA MICRONUTRIENTS, INC.	CHEYENNE	988
3	WYD079959185	SINCLAIR OIL CORPORATION	SINCLAIR	268
4	WYD007064447	AMOCO OIL COMPANY FORMER CASPER REFINERY	CASPER	207
5	WY0000029249	NEDLOG TECHNOLOGY GROUP	LARAMIE	206
6	WYD051843613	FRONTIER REFINING INC.	CHEYENNE	150
7	WYD043705102	NEWCASTLE REFINERY	NEWCASTLE	80
8	WYD048743009	SINCLAIR - CASPER REFINERY	CASPER	33
9	WYD061112470	UNION PACIFIC RAILROAD TIMBER TRT PLANT	LARAMIE	30
10	WYR000001495	KFX FUEL PARTNERS LP	GILLETTE	15
11	WY5571924179	FRANCIS E WARREN AFB	CHEYENNE	12
12	WYD120371810	UNION PACIFIC RAILROAD YARD	CHEYENNE	11
13	WYD988869269	SILVER EAGLE REFINING	EVANSTON	11
14	WYD000003061	WYOMING LAW ENFORCEMENT ACADEMY	DOUGLAS	10
15	WYD988872776	EXCAL INC	MILLS	9
16	WYD000712687	NALCO/EXXON ENERGY	EVANSVILLE	9
17	WYD042634865	KOCH SULFUR PRODUCTS COMPANY	RIVERTON	3
18	WYD991301086	AMOCO OIL CO PIPELINE TANK FARM	CASPER	3
19	WYT000010082	PACIFICORP-NAUGHTON PLANT	KEMMERER	2
20	WYT000010009	CIG TABLE ROCK PLANT	ROCK SPRINGS	1
21	WYR000002568	SWEETWATER COUNTY SCHOOL DISTRICT NO. 2	GREEN RIVER	0
Total				4,027

Note: Columns may not sum due to rounding.
State may have fewer than fifty shippers.

WYOMING

1999 WASTE RECEIPTS

Tables 15, 16, and 17 have been omitted from this report because there were no facilities in the State of Wyoming that reported receiving RCRA hazardous waste in 1999.

WYOMING

1999 WASTE RECEIPTS, CONTINUED

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the State of Wyoming that reported receiving RCRA hazardous waste in 1999.

WYOMING

1999 IMPORTS AND EXPORTS

21 Quantity of RCRA Hazardous Waste Imported: 0 Tons

22 Quantity of RCRA Hazardous Waste Exported: 4,027 Tons